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OCTOBER 1987

Arizona Occupational Profile

A Labor Market Information Publication of the Department of Economic Security

GOVERNMENT

UTAH
COCONINO
MOHAVE
KINGMAN
FLAGSTAFF
NAVAJO
APACHE
HOLBROOK
ST. JOHNS
CALIFORNIA
PRESCOTT
YAVAPAI
NEW MEXICO
PARKER
LA PAZ
GILA
PHOENIX
GLOBE
CLIFTON
GREENLEE
MARICOPA
FLORENCE
YUMA
SAFFORD
PINAL
YUMA
GRAHAM
TUCSON
PIMA
COCHISE
MEXICO
SANTA CRUZ
BISBEE
NOGALES

ARIZONA

OCCUPATIONAL PROFILE

The value of current and accurate occupational employment information has long been recognized by job seekers, public and private administrators, and those involved in training, recruiting, and counseling. A major source of this information in Arizona is the Occupational Employment Statistics (OES) Program--a cooperative effort between Arizona and the U.S. Bureau of Labor Statistics.

This *Occupational Profile* is one in a series of publications produced from information developed by the Occupational Employment Statistics survey. These publications represent one of several occupational employment information delivery systems incorporating OES survey data. The survey is used to collect employment data, by county, for over 700 occupations in Arizona. From these surveys, which require the cooperation of the Arizona business community, current employment in the various occupations is determined, and from this an occupational outlook is formulated. The *Occupational Profiles* contain the survey findings and examine, individually, the industries of Arizona.

Surveyed industries include:

Mining
Construction
Manufacturing
Transportation, Communications, and Public Utilities
Trade
Finance, Insurance, and Real Estate
Services
Lodging
Hospitals
Educational Services
Government

For further information, or to comment on any aspect of this program, please write to the address on the back cover.

INDUSTRY DESCRIPTION

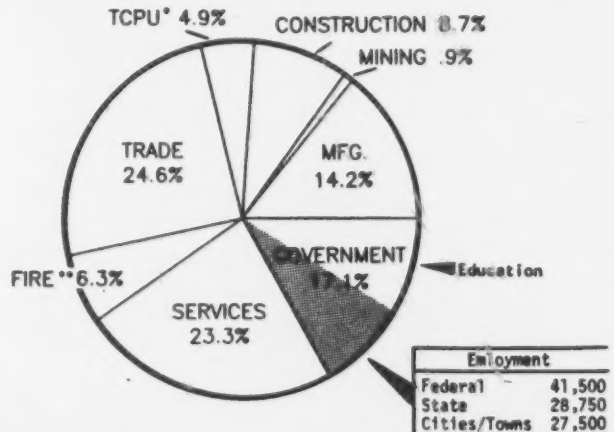
Government employees are engaged in a broad range of administrative and service-delivery activities requiring a variety of occupational skills. The major areas of government considered in this report are: executive, judicial, legislative, public safety, transportation, finance, human resources, corrections, economics, and environment. Aside from civilians working for the military, employment related to national security is not represented in this profile. Also excluded are hospital and educational facilities operated by state and local governments. Employment data for these facilities are included in separate profiles of hospitals and educational services.

A detailed description of governmental units and activities included in this profile can be found in the *Standard Industrial Classification (SIC) Manual*[1] under codes 91 through 97. Various specialized functions of government are described under other SIC codes found throughout the manual.

INDUSTRY CHARACTERISTICS

Government workers, excluding those in the public education system, numbered approximately 120,000 in 1986, or one of every eleven Arizona workers. Employees of counties, cities, and towns (local government) comprised 42 percent of the total, while federal and state government workers accounted for 34 and 24 percent respectively.

FIGURE 1: ARIZONA NONAGRICULTURAL EMPLOYMENT, 1986



* TCPU - Transportation, Communications, and Public Utilities
** FIRE - Finance, Insurance, and Real Estate

[1] Office of management and Budget, *Standard Industrial Classification Manual, 1972 Edition.*

The federal government is the nation's largest employer with over 2.7 million employees providing a variety of services including some which have no counterpart in state and local government. Civilian military employees and postal service employees, for example, account for nearly half (48 percent) of all federal employment in Arizona. Luke Air Force Base (8 miles west of Phoenix) and Williams Air Force Base (21 miles southeast of Phoenix) account for the majority of civilian military employees in Maricopa County. In Pima County, civilian workers at Davis Monthan Air Force Base in Tucson numbered nearly 2,000 in May 1985. Arizona's largest military installation is in Cochise County where approximately 4,700 civilians were employed at the 73,000 acre Fort Huachuca site, and in Yuma County over 1,000 were employed at the Army's Proving Grounds.

FIGURE 2:
FEDERAL EMPLOYMENT IN ARIZONA FOR SELECTED AGENCIES AND DEPARTMENTS
1986

	ARIZONA	MARICOPA COUNTY	PIMA COUNTY	BALANCE OF STATE
Civilian Military	10,020	2,630	1,840	5,550
Postal Service	8,660	5,840	1,560	1,260
BIA (Indian Affairs)	4,410	430	220	3,760
Veterans Administration	3,410	1,660	1,250	500
Health, Ed., and Welfare	3,320	1,050	330	1,940
Forest Service	1,600	170	110	1,320
National Parks	780	10	110	660

Arizona's 26,300 state government employees comprise 2 percent of total wage and salary employment in the state. As Figure 3 indicates, the bulk of these workers (67 percent) is in Maricopa County where Phoenix, the capital and largest city, is located. Pima County ranks second in number of state employees, and is followed by Pinal County--site of the state prison in Florence and the center for developmentally disabled in Coolidge.

The two major components of the "OTHER" category in Figure 3 are the Department of Administration (DOA) and the Department of Corrections. DOA is the umbrella agency encompassing such diverse operations as Data Processing, Finance, Personnel, Weights and Measures, Public Buildings, and the Office of Purchasing. Also included in the "OTHER" category are the Office of the Governor, the Legislature, the Apellate and Supreme Courts, the Department of Revenue, and various advisory boards.

FIGURE 3:
STATE GOVERNMENT EMPLOYMENT (EXCLUDING EDUCATION AND HOSPITALS)
BY COUNTY AND DEPARTMENT - MAY 1985

COUNTY	TOTAL	PUBLIC SAFETY	ECONOMIC SECURITY	TRANS-PORTATION	HEALTH SERVICES	OTHER
Apache	220	25	65	80		50
Cochise	465	25	140	95		205
Coconino	710	90	140	270	10	200
Gila	215	30	60	100		25
Graham/Greenlee	400	30	30	70		270
La Paz	35	15		20		
Maricopa	16,845	1,070	3,555	2,520	1,535	8,165
Mohave	300	50	50	125		75
Navajo	300	30	65	165		40
Pima	2,780	165	1,030	380	115	1,090
Pinal	2,060	30	765	40		1,225
Santa Cruz	80	10	25	25		20
Yavapai	440	60	50	135		195
Yuma	395	45	135	100		115
Statewide	25,245	1,675	6,110	4,125	1,660	11,675

The Department of Economic Security (DES) is Arizona's largest government agency with over 6,000 employees. Charged with fostering the economic and social independence of Arizonans, DES is also the agency through which federal transfer payments, such as food stamps, aid to families with dependent children, and unemployment insurance benefits are channeled.

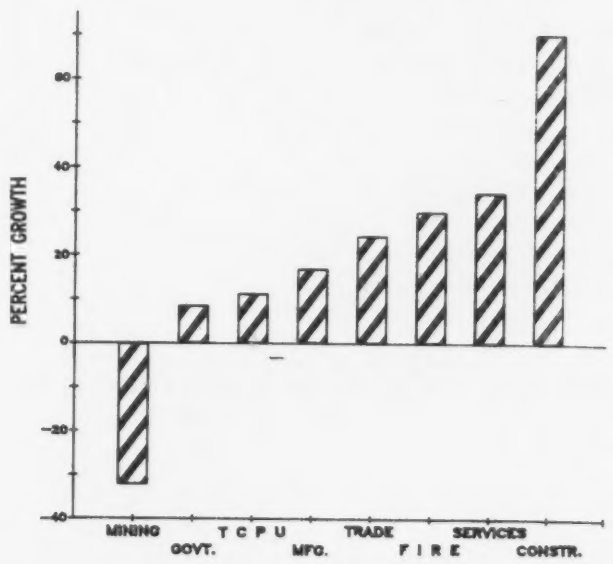
Local government is defined as any political subdivision of the state, e.g., counties, cities, towns, and special districts. Local governments are involved in a variety of endeavors: street and highway maintenance, police and fire protection, executive and judicial functions, recreation and library services. Aside from typical local government entities such as county boards of supervisors and municipal governments, Arizona, in 1985, had 55 fire districts, 34 water/irrigation districts, 12 natural resource conservation districts, 9 housing authorities, 5 electrical districts, 2 airport authorities, and 1 transit authority.

Unlike state government employment, which is concentrated in Maricopa County, the 46,500 employees of local government are distributed proportionately by population throughout Arizona's counties.

INDUSTRY TRENDS

Following the last recession, Arizona's total wage and salary employment registered a 24 percent increase between 1982 and 1985. During the same time period, government employment increased less than half that amount (8.6 percent) and, except for mining which lost employment, that increase is the smallest posted by any Arizona industry. Although this growth contributed an additional 9,050 jobs, government employment as a percentage of total Arizona employment declined from 10.2 to 8.9 percent during that period. Government's share will continue to shrink to about 8.6 percent of total employment in 1989.

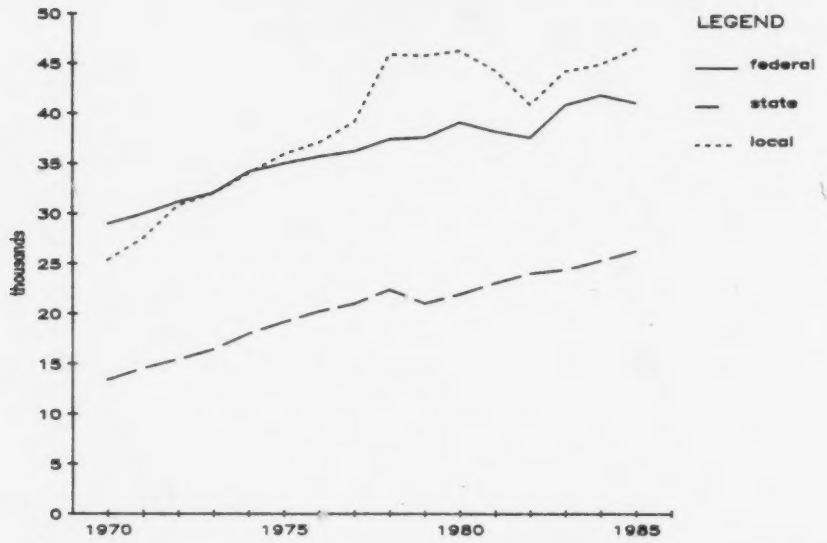
FIGURE 4:
EMPLOYMENT CHANGE IN ARIZONA'S INDUSTRIES
1982-1985



Bucking the national trend from 1982 to 1985, federal government employment in Arizona increased 8.7 percent. Figure 5 charts employment over the last 15 years and indicates the highest rate of growth was experienced at the local level. Further evidence of the expansion in this sector is the increasing number of local government entities--up from 421 in 1977 to 453 in 1982.

Government employment is projected to expand 13.6 percent between 1985 and 1989, while total wage and salary employment growth is expected to increase approximately 18 percent. In this same time period, Arizona's population is expected to increase 13 percent.

FIGURE 5:
ARIZONA'S GOVERNMENT EMPLOYMENT
1970-1985



Employment in the federal sector will show modest expansion--increasing 2,500 or 6.8 percent during the projection period. The increase in office automation may suppress the number of employment opportunities in some administrative support occupations, while opposing trends will affect the largest clerical occupation--postal mail carriers. While steady population growth and increasing volumes of mail will strengthen demand for postal mail carriers, competition from private concerns, continued automation of postal facilities, and full implementation of the "zip + 4" system will likely suppress demand.

Continuing efforts by the federal government to curtail civilian employment at military installations by contracting such operations as food service and building cleaning will temper employment increases in service occupations. This curtailment is part of a broader trend often referred to as "privatization," which occurs when a government entity discontinues providing a service or vacates the market place and is replaced by a private-sector firm. Privatization gained momentum in the late 1970s as local governments reacted to declining tax revenues and shifted jobs from the public to the private sector. Other forms of privatization include issuing vouchers to be redeemed with private companies or entering into leasing agreements with private firms.

The City of Phoenix has been particularly innovative in utilizing privatization. The United States Chamber of Commerce has spotlighted Phoenix as "one of the nation's leading laboratories for programs involving the private sector in government services." Private firms in Phoenix currently operate the bus system, provide security and crowd

control, collect trash in some districts, tow and store illegally parked cars, and operate the city's landfill. Phoenix requires city departments to bid, along with private companies, to earn the right to provide specific services.

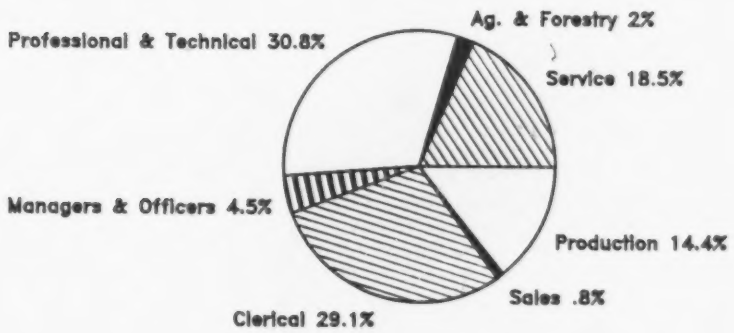
In a budget-conscious environment characterized by such measures as Gramm-Rudman, increases in employment over and above what is necessary to keep pace with population growth are unlikely. While federal employment levels are expected to remain stable, the functional composition/ occupational mix will evolve with technological advancements and administrative policy changes.

Budgetary constraints are often the overriding factor when determining the level of employment that will be funded by state government. Current state revenue shortfalls may be further exacerbated as the federal government seeks ways to trim its own budget. Proposed changes in organizational practices would also affect the level of state government employment. Nationally, state and local government expenditures are projected to drop from 11.4 percent of GNP to 10.7 percent in the period 1984-1995. During the most recent recession, local government employment declined precipitously reflecting the sector's sensitivity to general economic conditions.

OCCUPATIONAL ANALYSIS

From sanitarians to swimming instructors, dog groomers to librarians, government employees possess a wide range of occupational skills. Sixty percent of all government jobs, however, are held by workers in "professional and technical" and "clerical" occupations. Prevalent in the professional and technical category are case workers and compliance inspectors in state government while the large employment share claimed by clerical workers reflects the many postal employees in federal government.

FIGURE 6:
OCCUPATIONAL CATEGORIES IN GOVERNMENT
1985



A comparison of occupational employment in federal government with that in state and local government reflects their functional differences. As indicated in Figure 7, the federal government employs a relatively greater number of "professional and technical workers" and "clerical workers." Teachers, nurses, science technicians, and forestry workers dominate the former, while clerical workers are led by postal mail carriers, shipping and receiving clerks, and postal service clerks.

Teachers and related occupations rank high on the federal list because of their employment in schools operated by the Bureau of Indian Affairs (BIA). Arizona has the third largest Indian population and funds for education constitute the largest item in the BIA budget, providing for nearly 1,100 teachers employed by the federal government in Arizona.

State and local government is numerically dominated by professional and technical workers, service workers, and clerical workers. Caseworkers, accountants and auditors, and employment interviewers contribute to the sizable share claimed by professional and technical occupations while service workers are led by law enforcement, fire protection, and other protective services workers in local government. Arizona and its municipalities employed about 4,000 police officers and 1,400 fire fighters in 1985. Across the country, three out of five protective-service jobs are in government.

FIGURE 7:
OCCUPATIONAL CATEGORIES IN GOVERNMENT
1985

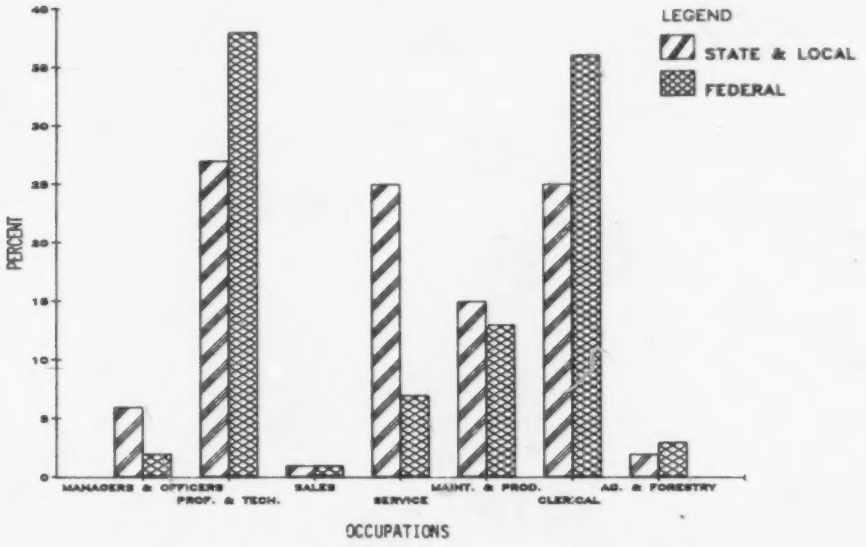


Figure 8, which ranks occupations with the greatest employment and job opportunities, also illustrates the dissimilarities in the occupational composition of federal versus state and local government employment. Only three occupations, secretary, typist, and clerical supervisor rank in the top ten in each level of government.

FIGURE 8: GOVERNMENT OCCUPATIONS WITH THE GREATEST EMPLOYMENT AND JOB OPENINGS

OCCUPATIONS	ESTIMATED 1985 EMPLOYMENT
Federal Government	
Postal Mail Carriers	3,367
Traffic, Shipping, and Receiving Clerks	1,778
Postal Service Clerks	1,692
Teacher Aides, Paraprofessional	1,381
Secretaries	1,196
Registered Nurses	1,152
Typists	1,085
Teachers and Instructors, Voc. Ed. and Training	1,073
Forest and Conservation Workers	711
First Line Supers.-Clerical and Admin. Support	617
State and Local Government	
Police Patrol Officers	3,723
Correction Officers and Jailers	3,329
Secretaries	2,660
General Office Clerks	2,407
Typists	2,040
Highway Maintenance Workers	1,424
Fire Fighters	1,362
Bookkeeping, Accounting, and Auditing Clerks	1,326
Police and Detective Supervisors	1,324
Social Service Technicians	1,193

OCCUPATIONS	JOB OPENINGS (EXC. TURNOVER) 1985-1989
Federal Government	
Postal Mail Carriers	604
Postal Service Clerks	362
Traffic, Shipping, and Receiving Clerks	353
Secretaries	345
Typists	344
Registered Nurses	300
Teachers and Instructors, Voc. Ed. and Training	264
Teacher Aides, Paraprofessional	172
First Line Supers.-Clercial and Admin. Support	127
Licensed Practical Nurses	120
State and Local Government	
Corrections Officers and Jailers	1,331
Secretaries	1,050
General Office clerks	912
Typists	862
Police Patrol Officers	821
Bookkeeping, Accounting, and Auditing Clerks	475
Highway Maintenance Workers	395
Compliance Inspectors, Exc. Construction	314
Fire Fighters	310
First Line Supers.-Clerical and Admin. Support	307

Government employment in all the major occupational categories will expand. Increasing most rapidly will be the professional and technical workers category, resulting primarily, from expansion in health, engineering, computer, and inspection occupations. Also expected to expand substantially is the services category which will be led by growth in the number of protective service workers in local governments. Most prominent in this group are police patrol officers, correction officers and jailers, and firefighters.

At the other extreme and losing the greatest share of employment is the clerical group. Automation is instrumental to the changes in this category and few occupations will experience the effects of changing technology as severely as postal service clerks. Not only will their numbers be supressed by ever more efficient and technical equipment, but the quantity of mail handled by the postal service will be affected by new and competing delivery systems--many of which involve the electronic transmission of information.

Also experiencing a diminishing share of government employment is the maintenance and production category. Here, again, automation will slow employment growth in such occupations as warehouse laborers and freight and material handlers.

Although experiencing a diminishing share of employment, clerical occupations in government will provide more than 8,000 job opportunities between 1985 and 1989--the most opportunities for any occupational group. The number of openings for clerical workers created by employment growth will be matched by those resulting from workers leaving the labor force. In addition to these separations, a larger number of openings will result from workers changing jobs. Job turnover, as these openings are defined, is generally the greatest source of job openings and is particularly high in clerical occupations. Secretaries, typists, and general office workers head the list of occupations providing job seekers the most opportunities in the years ahead.

Numbering more than 1,500 in 1985, compliance and enforcement inspectors constitute government's largest occupation in the professional and technical category. These workers examine animals, plant life, products, and establishments to enforce health, safety, and other regulatory laws. Typical public administration inspectors are bank examiners and customs, air pollution, food, sanitary, and housing inspectors. Demand for these and other government workers, created by an expanding industry and a growing population, will be constrained by limited growth in regulatory programs and government spending.

OCCUPATIONAL STRUCTURE

The following tables provide employment estimates and projected employment and job openings for the counties and the state.

When using the data, please note the following:

1) The data reflect full and part-time wage and salary employment.

2) Employment growth in each of the nonmetropolitan counties reflects the rate calculated for the "balance of state" (Arizona less Maricopa and Pima counties). Projected employment for Yavapai County, for example, reflects levels that would be attained if government were to expand at the rate that is predicted for all government employment in the "balance of state."

3) "Total job openings" represents the number of openings due to growth of the industry and separations from the labor force. They do not account for labor turnover, i.e., openings created when a worker changes jobs, leaving the job to be filled by someone else. These vacancies are often the largest source of job openings.

4) The projection technique does not possess the degree of accuracy that may be implied by small employment and demand figures.

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	4,722	4.5	5,361	1,157
Financial Managers	221	.2	250	46
Personnel, Training, & Labor Relations Mgrs.	112	.1	123	20
Purchasing Managers	29	.0	31	3
Marketing, Advertising, & Public Rel. Mgrs.	37	.0	40	5
Administrative Services Managers	241	.2	272	52
Engineering, Mathematical & Natural Sciences Mgrs.	110	.1	115	16
Postmasters & Mail Superintendents	275	.3	291	76
Education Administrators	160	.2	174	26
Medicine & Health Services Managers	260	.2	290	54
Property & Real Estate Managers & Admin.	16	.0	17	1
Industrial Production Managers	1	.0	1	0
Construction Managers	106	.1	119	21
Transportation, Communications, & Utilities Operations Managers	372	.4	423	67
Public Administration Executives, Legislators, & Administrators	568	.5	664	158
General Managers & Top Executives	994	1.0	1,145	263
All Other Managers & Administrators	1,220	1.2	1,406	349
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	32,204	30.8	35,829	7,342
Management Support Occupations	8,115	7.8	9,159	2,108
Loan Officers & Counselors	57	.0	62	9
Accountants & Auditors	985	.9	1,113	265
Budget Analysts	234	.2	255	49
All Other Financial Specialists	208	.2	236	45
Purchasing Agents, Exc. Wholesale, Retail, & Farm	491	.5	532	96
Claims Takers, Unemployment Benefits	401	.4	462	114
Employment Interviewers	183	.2	201	35
Personnel, Training, & Labor Rel. Specialists	721	.7	808	161
Management Analysts	302	.3	331	90
Construction & Building Inspectors	564	.5	640	156
Compliance & Enforcement Inspectors, Exc. Const.	1,541	1.5	1,746	404
Tax Examiners, Collectors, & Revenue Agents	419	.4	459	95
Assessors	79	.1	87	24
All Other Management Support Workers	1,930	1.8	2,227	565
Engineers & Related Occupations	4,366	4.2	4,870	837
Aeronautical & Astronautical Engineers	8	.0	8	0
Mining Engineers, Incl. Mine Safety	6	.0	6	0
Chemical Engineers	1	.0	1	0
Nuclear Engineers	4	.0	4	0
Civil Engineers, Incl. Traffic	804	.8	913	202
Agricultural Engineers	12	.0	13	1
Electrical & Electronic Engineers	383	.4	406	42
Industrial Engineers, Exc. Safety	17	.0	17	0
Safety Engineers, Exc. Mining	51	.0	54	4
Mechanical Engineers	46	.0	48	3
All Other Engineers	164	.2	177	21
Architects, Exc. Landscape & Marine	11	.0	12	1
Landscape Architects	9	.0	9	0
Surveying & Mapping Scientists	130	.1	145	17
Civil Engineering Technicians & Technologists	553	.5	638	147
Electrical/Electronic Engineering Technicians	420	.4	464	62
Industrial Engineering Techs.	13	.0	13	0
Drafters	401	.4	463	90
Surveying & Mapping Techs.	604	.6	689	114
All Other Engineering & Related Technicians	729	.7	790	133
Natural Scientists & Related Workers	1,454	1.4	1,560	206
Physicists & Astronomers	23	.0	23	0
Chemists, Exc. Biochemists	85	.1	96	18

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Atmospheric & Space Scientists	21	.0	23	3
Geologists, Geophysicists, & Oceanographers	133	.1	142	14
All Other Physical Scientists	87	.1	98	16
Foresters & Conservation Scientists	340	.3	358	35
Agricultural & Food Scientists	124	.1	130	18
Biological Scientists	203	.2	217	31
Medical Scientists	3	.0	3	0
All Other Life Scientists	24	.0	25	2
Physical & Life Science Technicians & Technologists	132	.1	148	26
Biological, Agri., & Food Techs., Exc. Health	128	.1	137	20
All Other Physical & Life Science Techs.	151	.1	160	23
Computer, Math, Research, & Related Occupations	1,334	1.3	1,474	192
Systems Analysts, Electronic Data Processing	684	.7	753	93
Computer Programmers	361	.3	413	68
Computer Programmer Aides	194	.2	210	27
Operations & Systems Analysts, Exc. Computer	49	.0	51	3
Mathematical Scientists	1	.0	1	0
Statisticians	11	.0	12	1
Financial Analysts, Statistical	1	.0	1	0
All Other Mathematical Scientists	22	.0	22	0
Mathematical Technicians	11	.0	11	0
Social Scientists & Other Social, Recreational, & Religious Occupations	3,540	3.4	4,059	879
Economists, Incl. Market Research Analysts	155	.1	178	37
Urban & Regional Planners	397	.4	455	76
Psychologists	115	.1	126	18
All Other Social Scientists	125	.1	134	13
Social Workers, Medical & Psychiatric	31	.0	34	6
Social Workers, Exc. Medical & Psychiatric	580	.6	667	183
Social Service Technicians	1,210	1.2	1,405	292
Recreation Workers	911	.9	1,043	252
Clergy	16	.0	17	2
Law and Related Occupations	2,348	2.2	2,681	687
Judges & Magistrates	394	.4	455	166
Adjudicators, Hearing Officers, & Related	31	.0	34	4
Lawyers	997	1.0	1,149	253
Law Clerks	265	.3	303	64
Paralegal Personnel	125	.1	141	26
All Other Legal Assistants/Techs., Exc. Clerical	536	.5	599	174
Teachers, Educators, Librarians, & Related Occupations	3,277	3.1	3,501	676
Teachers & Instructors, Voc. Ed. & Training	1,197	1.1	1,271	304
Instructors, Nonvocational Education	12	.0	12	0
Farm & Home Management Advisors	1	.0	1	0
All Other Teachers & Instructors	5	.0	5	0
Librarians, Professional	444	.4	498	145
Technical Assistants, Library	92	.1	104	29
Curators, Archivists, & Museum Technicians	20	.0	21	2
Vocational & Educational Counselors	78	.1	87	17
Instructional Coordinators	47	.0	52	7
Teacher Aides, Paraprofessional	1,381	1.3	1,450	172
Health Practitioners, Technicians, & Related	3,910	3.7	4,275	1,059
Physicians & Surgeons	404	.4	435	84
Dentists	11	.0	11	0
Optometrists	2	.0	2	0
Podiatrists	4	.0	4	0
Veterinarians & Veterinary Inspectors	15	.0	16	1
Therapists	84	.1	96	23
Occupational Therapists	6	.0	6	0
Physical Therapists	11	.0	11	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Corrective & Manual Arts Therapists	5	.0	5	0
Speech Pathologists & Audiologists	18	.0	19	2
Recreational Therapists	4	.0	4	0
Registered Nurses	1,430	1.4	1,557	391
Licensed Practical Nurses	536	.5	584	159
Emergency Medical Technicians	358	.3	414	132
Physician Assistants	29	.0	29	2
Pharmacists	64	.1	68	16
Dietitians & Nutritionists	72	.1	78	15
Medical & Clinical Laboratory Technologists	218	.2	231	47
Medical Records Technicians & Technologists	107	.1	112	28
Radiologic Technicians	83	.1	87	13
All Other Health Professionals, Paraprofessionals, & Technicians	449	.4	506	146
Writers, Artists, Athletes, & Related	206	.2	220	36
Writers & Editors	74	.1	78	14
Public Rel. Specialists & Publicity Writers	83	.1	93	20
Photographers	31	.0	31	2
Broadcast Technicians	2	.0	2	0
Artists & Related Workers	12	.0	12	0
Athletes, Coaches, Umpires, & Related Workers	4	.0	4	0
Other Professional, Paraprofessional & Tech. Occupations	3,654	3.5	4,030	662
Airplane Dispatchers & Air Traffic Controllers	302	.3	328	36
Traffic Technicians	142	.1	163	34
Radio Operators	50	.0	55	9
All Other Professional, Paraprofessional, & Technical Workers	3,160	3.0	3,484	583
SALES & RELATED OCCUPATIONS	843	.8	945	233
First Line Supervisors & Managers - Sales	38	.0	40	3
Appraisers, Real Estate	411	.4	471	138
Salespersons, Retail	138	.1	149	26
Cashiers	167	.2	185	44
All Other Sales & Related Workers	89	.1	100	22
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	30,383	29.1	34,086	8,491
First Line Supervisors & Manager/Supervisors	1,702	1.6	1,923	434
Selected Industry Specific Clerical & Administrative Support Occupations	2,561	2.5	2,939	819
Adjustment Clerks	5	.0	5	1
Insurance Adjusters, Examiners, & Investigators	36	.0	40	7
Insurance Claims Clerks	163	.2	175	45
Welfare Eligibility Workers & Interviewers	687	.7	797	225
Court Clerks	688	.7	802	256
Municipal Clerks	107	.1	119	19
License Clerks	490	.5	563	171
Travel Clerks	10	.0	10	1
Library Assistants & Bookmobile Drivers	301	.3	350	79
Teacher Aides & Ed. Assistants, Clerical	3	.0	3	0
Real Estate Clerks	71	.1	75	15
Selected Secretarial and General Office Occupations	13,468	12.9	15,263	4,741
Secretaries	3,856	3.6	4,375	1,395
Stenographers	276	.3	310	83
Receptionists & Information Clerks	343	.3	370	92
Typists	3,125	3.0	3,531	1,206
Typists, Word Processing Equipment	203	.2	232	50
Personnel Clerks, Exc. Payroll & Timekeeping	387	.4	422	134
Correspondence Clerks	2	.0	2	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
File Clerks	228	.2	262	93
Order Clerks - Materials, Merch., & Service	2	.0	2	0
Procurement Clerks	104	.1	111	15
Statistical Clerks	56	.1	62	16
Interviewing Clerks, Exc. Personnel & Welfare	286	.3	304	59
Customer Service Representatives, Utilities	167	.2	191	58
Bookkeeping, Accounting, & Auditing Clerks	1,757	1.7	2,002	579
Payroll & Timekeeping Clerks	131	.1	138	22
Billing, Cost & Rate Clerks	28	.0	29	4
General Office Clerks	2,517	2.4	2,920	935
Electronic Data Processing & Other Office Machine Occupations	1,019	1.0	1,155	245
Billing, Posting, & Calculating Machine Opers.	1	.0	1	0
Mail Machine Operators, Preparation & Handling	19	.0	21	7
Computer Operators, Exc. Peripheral Equipment	382	.4	433	88
Peripheral EDP Equipment Operators	78	.1	89	26
Data Entry Keyers, Exc. Composing	434	.4	494	87
All Other Office Machine Operators	105	.1	117	37
Selected Communications, Mail, and Message Distributing Occupations	5,849	5.6	6,398	1,171
Switchboard Operators	210	.2	231	64
Telegraph & Teletype Operators	8	.0	9	1
All Other Communication Equipment Operators	30	.0	31	5
Mail Clerks, Exc. Mail Machine Operators & Postal Service	391	.4	428	100
Postal Mail Carriers	3,367	3.2	3,678	604
Postal Service Clerks	1,692	1.6	1,850	362
Messengers	151	.1	171	35
Material Recording, Scheduling, Dispatching & Distributing Occupations	3,895	3.7	4,305	820
Dispatchers - Police, Fire, & Ambulance	727	.7	849	197
Dispatchers - Exc. Police, Fire, & Ambulance	49	.0	54	6
Production, Planning, & Expediting Clerks	170	.2	180	41
Meter Readers, Utilities	125	.1	139	19
Stock Clerks - Stockroom, Warehouse, or Yard	896	.9	980	174
Traffic, Shipping, & Receiving Clerks	1,785	1.7	1,943	353
All Other Material Recording/Scheduling/Dist.	143	.1	160	30
All Other Clerical and Administrative Support Occupations	1,889	1.8	2,103	261
SERVICE OCCUPATIONS	19,310	18.4	22,233	5,271
First Line Supers. & Mgrs./Supers. - Service	2,900	2.8	3,340	696
Fire Fighting & Prevention Supervisors	587	.6	680	122
Police & Detective Supervisors	1,457	1.4	1,676	285
All Other Service Supervisors & Managers	856	.8	984	289
Protective Service Occupations	11,537	11.0	13,388	3,100
Fire Inspectors	59	.1	68	11
Forest Fire Inspectors & Prev. Specialists	6	.0	6	0
Fire Fighters	1,530	1.5	1,779	331
Police Detectives	443	.4	503	74
Police Patrol Officers	3,975	3.8	4,613	845
Correction Officers & Jailers	3,361	3.2	3,947	1,339
Parking Enforcement Officers	2	.0	2	0
Bailiffs	153	.1	176	33
U.S. Marshalls	21	.0	22	4
Criminal Investigators, Federal	178	.2	192	53
Sheriffs & Deputy Sheriffs	990	.9	1,164	250
Game Wardens	134	.1	152	24

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Guards & Watch Guards	357	.3	394	53
All Other Protective Service Workers	328	.3	370	83
Food & Beverage Service Occupations	967	.9	1,057	228
Bakers, Bread & Pastry	2	.0	2	0
Butchers & Meat Cutters	57	.1	61	8
Cooks, Institution or Cafeteria	356	.3	384	71
Food Preparation Workers	77	.1	87	20
Combined Food Preparation & Service Workers	340	.3	363	81
All Other Food Service Workers	135	.1	160	48
Health Service and Related Occupations	1,085	1.0	1,199	297
Dental Assistants	114	.1	119	32
Medical Assistants	75	.1	86	25
Nursing Aides, Orderlies, & Attendants	374	.4	413	113
Home Health Aides	73	.1	83	14
Psychiatric Aides	231	.2	266	86
Physical & Corrective Therapy Assists./Aides	12	.0	12	0
Pharmacy Assistants	49	.0	52	10
All Other Health Service Workers	157	.2	168	17
Cleaning & Building Service Occupations, Exc. Private Households	1,199	1.1	1,349	354
Janitors & Cleaners, Exc. Maids & Housekeeping	441	.4	470	103
Pest Controllers & Assistants	6	.0	6	0
All Other Cleaning/Building Service, Exc. Private House	752	.7	873	251
Selected Personal Service Occupations	1,556	1.5	1,825	576
Barbers	3	.0	3	0
Amusement & Recreation Attendants	622	.6	729	196
Social Welfare Service Aides	309	.3	353	93
Child Care Workers	622	.6	740	287
All Other Service Occupations	66	.1	75	20
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	2,045	2.0	2,252	452
First Line Supervisors	108	.1	112	12
Other Agricultural, Forestry, Fishing, & Related Occupations	1,937	1.9	2,140	440
Forest & Conservation Workers	796	.8	836	88
Graders & Sorters, Agricultural Products	21	.0	23	5
Gardeners & Groundskeepers, Exc. Farm	901	.9	1,046	312
Animal Caretakers, Exc. Farm	91	.1	101	22
All Other Agri., Forestry, Fishing, & Related	128	.1	134	13
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	15,055	14.4	16,888	3,048
First Line Supervisors & Managers - Prod. & Rel.	1,566	1.5	1,748	383
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	703	.7	781	162
First Line Managers/Supervisors - Construction Trades & Extraction Workers	234	.2	261	41
First Line Mgrs./Supers. - Production & Opers.	46	.0	49	4
First Line Mgrs./Supers. - Transport. Operatives	228	.2	254	65
First Line Mgrs./Supers. - Laborers & Helpers	40	.0	43	10
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	315	.3	360	101
Inspectors & Related Occupations	85	.1	88	8
Precision Inspectors, Testers, & Graders	41	.1	43	5
Production Inspectors, Testers, & Graders	29	.0	30	3

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Transportation Inspectors	13	.0	13	0
All Other Inspectors, Testers, & Related	2	.0	2	0
Mechanics, Installers, & Repairers	4,115	3.9	4,533	655
Machinery Maintenance Mechanics, Water & Power Generation Plants	259	.2	299	61
All Other Machinery Maintenance Mechanics	197	.2	216	22
Machinery Maintenance Workers	208	.2	235	48
Maintenance Repairers, General Utility	996	1.0	1,105	182
Automotive Mechanics	369	.4	411	64
Automotive Body & Related Repairers	1	.0	1	0
Bus & Truck Mechs., & Diesel Eng. Specialists	90	.1	99	13
Mobile Heavy Equip. Mechanics, Exc. Engines	385	.4	430	58
Rail Car Repairers	3	.0	3	0
Aircraft Mechanics	270	.3	291	36
Aircraft Engine Specialists	156	.1	167	16
Small Engine Specialists	1	.0	1	0
Central Office & PBX Installers & Repairers	14	.0	14	0
Frame Wirers, Central Office	6	.0	7	1
Telephone & Cable TV Line Installers/Repairers	2	.0	2	0
Electric Home Appliance & Power Tool Repairers	3	.0	3	0
Electric Motor, Transformer, & Rel. Repairers	10	.0	10	0
Electronics Repairers, Commercial & Ind. Equip.	186	.2	200	23
Powerhouse, Substation, & Relay Electricians	23	.0	25	3
Electrical Powerline Installers & Repairers	49	.0	52	5
Electrical Installers & Repairers, Transportation Equipment	30	.0	33	4
All Other Electrical Mechs./Installers/Repairers	42	.0	44	3
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	129	.1	136	14
Precision Instrument Repairers	154	.1	172	28
Electromedical & Biomedical Equip. Repairers	15	.0	16	1
Electric Meter Installers & Repairers	8	.0	8	0
Locksmiths & Safe Repairers	6	.0	6	0
Office Machine & Cash Register Servicers	1	.0	1	0
Mechanical Control & Valve Installers & Repairers	132	.1	141	13
Riggers	3	.0	3	0
Tire Repairers & Changers	3	.0	3	0
All Other Mechanics, Installers, & Repairers	364	.3	399	60
Construction Trades & Extractive Occupations, Exc. Material Moving	2,859	2.7	3,278	691
Carpenters	160	.2	172	26
Electricians	331	.3	372	67
Stone Masons	6	.0	6	0
Concrete & Terrazzo Finishers	15	.0	16	1
Plasterers & Stucco Masons	1	.0	1	0
Painters & Paperhangers - Construction & Maintenance	146	.1	157	23
Plumbers, Pipefitters, & Steamfitters	126	.1	134	15
Pipelayers	15	.0	17	3
Paving, Surfacing, & Tamping Equip. Opers.	503	.5	588	139
Highway Maintenance Workers	1,424	1.4	1,667	395
Rail-Track Laying & Maintenance Equip. Opers.	1	.0	1	0
Insulation Workers	1	.0	1	0
Roofers	6	.0	6	0
Glaziers	1	.0	1	0
All Extraction Workers, Exc. Helpers	37	.0	41	6
All Other Construction & Extraction Workers, Exc. Helpers	86	.1	98	16
Precision Production Occupations	174	.2	188	24
Tool & Die Makers	3	.0	3	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Machinists	21	.0	22	1
Sheet Metal Workers	52	.1	57	8
Cabinetmakers & Bench Carpenters	8	.0	9	1
All Other Precision Textile & Apparel Workers	55	.1	61	11
Precision Lithography & Photoengraving Workers	2	.0	2	0
Precision Pattern/Model Makers	18	.0	19	3
Precision Detail Design Decorators & Painters	9	.0	9	0
Precision Dental Laboratory Technicians	6	.0	6	0
Machine Setters, Set-up Operators, Operators, & Tenders	186	.2	205	32
Selected Machine Tool Cutting Setters, Operators, & Related Workers - Metal & Plastic	118	.1	135	27
Electrolytic Coating Machine Operators - Metal & Plastic	1	.0	1	0
Nonelectrolytic Coating Machine Operators - Metal & Plastic	26	.0	27	3
All Other Metal & Plastic Machine Operators	1	.0	1	0
Photoengraving & Lithographing Photographers	2	.0	2	0
Printing Press Machine Operators & Tenders	24	.0	25	2
Bindery Machine Operators	2	.0	2	0
Sewing Machine Operators, Garment	2	.0	2	0
Laundry/Drycleaning Mach. Opers., Exc. Pressing	5	.0	5	0
Chemical Equipment Controllers & Operators	2	.0	2	0
Painters, Transportation Equipment	2	.0	2	0
All Other Machine Operators & Tenders	1	.0	1	0
Hand Working, Inc. Assemblers & Fabricators	128	.1	136	16
Welders & Cutters	25	.0	26	1
Assemblers/Fabricators - Exc. Machine, Electrical, & Precision	35	.0	37	5
All Other Hand Workers	68	.1	73	10
Plant and System Occupations	839	.8	958	161
Water & Liquid Waste Treatment System Opers.	652	.6	753	133
Power Generating Plant Opers., Exc. Aux. Equip.	2	.0	2	0
Power Distributors & Dispatchers	39	.0	42	4
Stationary Engineers	66	.1	72	10
All Other Plant & System Operators	80	.1	89	14
Transportation & Material Moving Machine & Vehicle Operators	2,275	2.2	2,547	437
Truck Drivers, Heavy or Tractor Trailer	110	.1	123	19
Truck Drivers, Light - Incl. Delivery & Route	53	.1	59	8
Bus Drivers	23	.0	25	3
All Other Motor Vehicle Operators	363	.3	381	41
Locomotive Engineers	1	.0	1	0
Aircraft Pilots & Flight Engineers	40	.0	43	4
Bridge, Lock, & Lighthouse Tenders	3	.0	3	1
Service Station Attendants	108	.1	121	22
All Other Transportation & Related Workers	345	.3	394	83
Crane & Tower Operators	11	.0	11	0
Industrial Truck & Tractor Operators	91	.1	98	10
Operating Engineers	984	.9	1,123	215
All Other Transportation & Moving Equip. Operators	13	.0	13	0
All Other Material Moving Equipment Operators	130	.1	152	31
Helpers, Laborers, & Material Movers, Hand	2,828	2.7	3,207	641
Mechanic & Repairer Helpers	1	.0	1	0
Refuse Collectors	751	.7	877	166
All Other Freight & Material Movers, Hand	2	.0	2	0
Hand Packers & Packagers	13	.0	13	1
Vehicle Washers & Equipment Cleaners	8	.0	8	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

STATEWIDE (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PERCENT OF MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
All Other Helpers & Laborers	2,053	2.0	2,306	474
TOTAL OF ALL OCCUPATIONS	104,562	100.0	117,594	25,994

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

APACHE COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	103	114	11	7	18
Financial Managers	4	4	0	0	0
Personnel, Training, & Labor Relations Mgrs.	3	3	0	0	0
Purchasing Managers	1	1	0	0	0
Administrative Services Managers	3	3	0	0	0
Engineering, Mathematical, & Natural Sciences Managers	12	13	1	0	1
Postmasters & Mail Superintendents	17	18	1	4	5
Education Administrators	14	16	2	0	2
Medicine & Health Services Managers	7	7	0	0	0
Property & Real Estate Managers & Admin.	3	3	0	0	0
Public Administration Executives, Legislators, & Administrators	16	19	3	1	4
General Managers & Top Executives	5	6	1	0	1
All Other Managers & Administrators	18	21	3	2	5
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,412	1,515	103	165	268
Loan Officers & Counselors	2	2	0	0	0
Accountants & Auditors	5	5	0	0	0
Budget Analysts	9	10	1	0	1
All Other Financial Specialists	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	18	19	1	2	3
Claims Takers, Unemployment Benefits	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	14	15	1	1	2
Construction & Building Inspectors	9	10	1	1	2
Compliance & Enforcement Inspectors, Exc. Const.	19	22	3	0	3
Tax Examiners, Collectors, & Revenue Agents	4	5	1	0	1
Assessors	9	11	2	2	4
All Other Management Support Workers	5	6	1	0	1
Civil Engineers, Incl. Traffic	11	12	1	0	1
Electrical & Electronic Engineers	1	1	0	0	0
Safety Engineers, Exc. Mining	1	1	0	0	0
Mechanical Engineers	1	1	0	0	0
All Other Engineers	1	1	0	0	0
Architects, Exc. Landscape & Marine	1	1	0	0	0
Landscape Architects	1	1	0	0	0
Surveying & Mapping Scientists	6	6	0	0	0
Civil Engineering Technicians & Technologists	3	4	1	0	1
Electrical/Electronic Engineering Technicians	3	3	0	0	0
Drafters	6	6	0	0	0
Surveying & Mapping Techs.	11	12	1	0	1
All Other Engineering & Related Technicians	61	65	4	6	10
Geologists, Geophysicists, & Oceanographers	3	3	0	0	0
All Other Physical Scientists	1	1	0	0	0
Foresters & Conservation Scientists	36	38	2	2	4
Agricultural & Food Scientists	6	6	0	0	0
Biological Scientists	6	6	0	0	0
Physical & Life Science Technicians & Technol.	1	1	0	0	0
Biological, Agri., & Food Techs., Exc. Health	2	2	0	0	0
All Other Physical & Life Science Techs.	1	1	0	0	0
Systems Analysts, Electronic Data Processing	2	2	0	0	0
Computer Programmers	5	6	1	0	1
Computer Programmer Aides	1	1	0	0	0
Psychologists	1	1	0	0	0
All Other Social Scientists	5	5	0	0	0
Social Workers, Exc. Medical & Psychiatric	9	10	1	1	2
Social Service Technicians	12	14	2	0	2
Recreation Workers	31	34	3	3	6
Judges & Magistrates	7	8	1	2	3
Lawyers	11	13	2	1	3
Teachers & Instructors, Voc. Ed. & Training	297	318	21	58	79
Librarians, Professional	18	20	2	3	5
Curators, Archivists, & Museum Technicians	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

APACHE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Teacher Aides, Paraprofessional	428	457	29	32	61
Physicians & Surgeons	17	18	1	2	3
Veterinarians & Veterinary Inspectors	1	1	0	0	0
Physical Therapists	1	1	0	0	0
Speech Pathologists & Audiologists	2	2	0	0	0
Registered Nurses	123	131	8	22	30
Licensed Practical Nurses	38	41	3	8	11
Physician Assistants	4	4	0	0	0
Pharmacists	1	1	0	0	0
Dietitians & Nutritionists	7	8	1	1	2
Medical & Clinical Laboratory Technologists	27	29	2	4	6
Medical Records Technicians & Technologists	34	36	2	8	10
Radiologic Technicians	9	10	1	2	3
All Other Health Professionals, Paraprofessionals, & Technicians	6	6	0	0	0
Writers & Editors	1	1	0	0	0
Public Rel. Specialists & Publicity Writers	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	51	54	3	4	7
SALES & RELATED OCCUPATIONS	3	3	0	0	0
Appraisers, Real Estate	2	2	0	0	0
Cashiers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	549	607	58	92	150
First Line Supers.-Clerical & Admin. Support	20	23	3	2	5
Insurance Claims Clerks	2	2	0	0	0
Welfare Eligibility Workers & Interviewers	31	37	6	6	12
Court Clerks	4	5	1	0	1
Municipal Clerks	3	4	1	0	1
License Clerks	15	18	3	3	6
Library Assistants & Bookmobile Drivers	11	13	2	1	3
Real Estate Clerks	7	7	0	0	0
Secretaries	126	139	13	29	42
Stenographers	3	3	0	0	0
Receptionists & Information Clerks	10	11	1	2	3
Typists	106	116	10	26	36
Personnel Clerks, Exc. Payroll & Timekeeping	13	14	1	3	4
Procurement Clerks	3	3	0	0	0
Statistical Clerks	1	1	0	0	0
Interviewing Clerks, Exc. Personnel & Welfare	29	31	2	3	5
Bookkeeping, Accounting, & Auditing Clerks	31	33	2	5	7
Payroll & Timekeeping Clerks	7	7	0	1	1
Billing, Cost & Rate Clerks	2	2	0	0	0
General Office Clerks	38	45	7	7	14
Computer Operators, Exc. Peripheral Equipment	4	4	0	0	0
Data Entry Keyers, Exc. Composing	2	2	0	0	0
Switchboard Operators	9	9	0	0	0
Postal Service Clerks	3	3	0	0	0
Dispatchers - Police, Fire, & Ambulance	11	13	2	1	3
Production, Planning, & Expediting Clerks	1	1	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	15	16	1	1	2
Traffic, Shipping, & Receiving Clerks	25	27	2	2	4
All Other Clerical & Administrative Support	17	18	1	0	1
SERVICE OCCUPATIONS	411	451	40	52	92
Fire Fighting & Prevention Supervisors	2	2	0	0	0
Police & Detective Supervisors	11	13	2	0	2
All Other Service Supervisors & Managers	20	21	1	3	4
Police Detectives	1	1	0	0	0
Police Patrol Officers	37	44	7	2	9
Correction Officers & Jailers	15	18	3	2	5
Criminal Investigators, Federal	5	5	0	0	0
Sheriffs & Deputy Sheriffs	17	20	3	1	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

APACHE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Game Wardens	2	2	0	0	0
Guards & Watch Guards	17	18	1	0	1
All Other Protective Service Workers	6	7	1	0	1
Cooks, Institution or Cafeteria	53	57	4	7	11
Food Preparation Workers	4	5	1	0	1
Combined Food Preparation & Service Workers	49	52	3	8	11
Dental Assistants	24	26	2	7	9
Nursing Aides, Orderlies, & Attendants	39	42	3	7	10
Physical & Corrective Therapy Assists./Aides	2	2	0	0	0
Pharmacy Assistants	4	4	0	0	0
All Other Health Service Workers	8	9	1	0	1
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	9	11	2	1	3
Janitors & Cleaners, Exc. Maids & Housekeeping	75	80	5	12	17
Amusement & Recreation Attendants	6	7	1	1	2
Social Welfare Service Aides	5	5	0	1	1
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	89	96	7	6	13
First Line Supervisors - Agri., Forestry, & Rel.	9	10	1	1	2
Forest & Conservation Workers	64	68	4	4	8
Gardeners & Groundskeepers, Exc. Farm	6	7	1	1	2
Animal Caretakers, Exc. Farm	1	1	0	0	0
All Other Agri., Forestry, Fishing, & Related	9	10	1	0	1
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	474	522	48	40	88
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	27	29	2	3	5
First Line Managers/Supervisors - Construction Trades & Extraction Workers	1	1	0	0	0
First Line Mgrs./Supers. - Transport. Operatives	9	10	1	1	2
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	2	2	0	0	0
Transportation Inspectors	1	1	0	0	0
Machinery Maintenance Mechanics, Water & Power Generation Plants	1	1	0	0	0
All Other Machinery Maintenance Mechanics	5	5	0	0	0
Maintenance Repairers, General Utility	90	97	7	7	14
Automotive Mechanics	2	2	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	11	12	1	0	1
Electric Motor, Transformer, & Rel. Repairers	1	1	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	4	4	0	0	0
Electromedical & Biomedical Equip. Repairers	1	1	0	0	0
Locksmiths & Safe Repairers	1	1	0	0	0
Mechanical Control & Valve Installers & Repairers	2	2	0	0	0
All Other Mechanics, Installers, & Repairers	2	2	0	0	0
Carpenters	11	12	1	1	2
Electricians	9	10	1	1	2
Stone Masons	1	1	0	0	0
Painters & Paperhangers - Construction & Maintenance	9	10	1	1	2
Plumbers, Pipefitters, & Steamfitters	13	14	1	1	2
Paving, Surfacing, & Tamping Equip. Opers.	38	45	7	4	11
Highway Maintenance Workers	68	81	13	7	20
All Extraction Workers, Exc. Helpers	1	1	0	0	0
All Precision Textile & Apparel Workers	1	1	0	0	0
Welders & Cutters	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	4	5	1	0	1
Stationary Engineers	6	6	0	1	1
All Other Plant & System Operators	1	1	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	2	2	0	0	0
Bus Drivers	2	2	0	0	0
All Other Motor Vehicle Operators	57	61	4	4	8

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

APACHE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Industrial Truck & Tractor Operators	1	1	0	0	0
Operating Engineers	24	26	2	2	4
All Helpers & Laborers	65	71	6	7	13
TOTAL OF ALL OCCUPATIONS	3,041	3,308	267	362	629

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCHISE COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	206	229	23	20	43
Financial Managers	11	12	1	0	1
Personnel, Training, & Labor Relations Mgrs.	4	4	0	0	0
Purchasing Managers	4	4	0	0	0
Administrative Services Managers	5	5	0	0	0
Engineering, Mathematical & Natural Sciences Managers	15	16	1	2	3
Postmasters & Mail Superintendents	22	23	1	5	6
Education Administrators	7	7	0	0	0
Medicine & Health Services Managers	5	5	0	0	0
Property & Real Estate Managers & Admin.	2	2	0	0	0
Construction Managers	1	1	0	0	0
Transportation, Communications, & Utilities Operations Managers	13	13	0	0	0
Public Administration Executives, Legislators, & Administrators	49	58	9	6	15
General Managers & Top Executives	30	35	5	2	7
All Other Managers & Administrators	38	44	6	5	11
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	2,591	2,721	130	238	368
Loan Officers & Counselors	1	1	0	0	0
Accountants & Auditors	80	83	3	10	13
Budget Analysts	52	54	2	7	9
All Other Financial Specialists	2	2	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	83	87	4	10	14
Claims Takers, Unemployment Benefits	5	5	0	0	0
Employment Interviewers	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	76	80	4	7	11
Management Analysts	115	120	5	24	29
Construction & Building Inspectors	22	24	2	3	5
Compliance & Enforcement Inspectors, Exc. Const.	72	77	5	8	13
Tax Examiners, Collectors, & Revenue Agents	3	3	0	0	0
Assessors	12	14	2	3	5
All Other Management Support Workers	118	127	9	16	25
Civil Engineers, Incl. Traffic	9	10	1	0	1
Electrical & Electronic Engineers	268	280	12	15	27
Industrial Engineers, Exc. Safety	8	8	0	0	0
Safety Engineers, Exc. Mining	10	10	0	0	0
Mechanical Engineers	6	6	0	0	0
All Other Engineers	23	24	1	1	2
Architects, Exc. Landscape & Marine	1	1	0	0	0
Surveying & Mapping Scientists	1	1	0	0	0
Civil Engineering Technicians & Technologists	20	23	3	2	5
Electrical/Electronic Engineering Technicians	65	68	3	3	6
Industrial Engineering Techs.	3	3	0	0	0
Drafters	3	3	0	0	0
Surveying & Mapping Techs.	2	2	0	0	0
All Other Engineering & Related Technicians	73	76	3	7	10
Physicists & Astronomers	6	6	0	0	0
Atmospheric & Space Scientists	2	2	0	0	0
Foresters & Conservation Scientists	13	13	0	0	0
Agricultural & Food Scientists	7	7	0	1	1
Biological Scientists	6	6	0	0	0
Physical & Life Science Technicians & Technologists	3	3	0	0	0
Biological, Agri., & Food Techs., Exc. Health	4	4	0	0	0
All Other Physical & Life Science Techs.	4	4	0	0	0
Systems Analysts, Electronic Data Processing	250	261	11	10	21
Computer Programmers	3	3	0	0	0
Computer Programmer Aides	56	58	2	4	6
Operations & Systems Analysts, Exc. Computer	39	41	2	1	3
Statisticians	3	3	0	0	0
All Other Mathematical Scientists	4	4	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCHISE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Urban & Regional Planners	4	4	0	0	0
Psychologists	4	4	0	0	0
All Other Social Scientists	5	5	0	0	0
Social Workers, Medical & Psychiatric	1	1	0	0	0
Social Workers, Exc. Medical & Psychiatric	20	23	3	3	6
Social Service Technicians	20	22	2	1	3
Recreation Workers	48	52	4	5	9
Judges & Magistrates	18	21	3	5	8
Lawyers	21	24	3	1	4
Law Clerks	4	4	0	0	0
Paralegal Personnel	1	1	0	0	0
All Other Legal Assistants/Techs., Exc. Clerical	10	10	0	1	1
Teachers & Instructors, Voc. Ed. & Training	49	51	2	9	11
Instructors, Nonvocational Education	1	1	0	0	0
Librarians, Professional	35	37	2	7	9
Technical Assistants, Library	3	3	0	0	0
Curators, Archivists, & Museum Technicians	3	3	0	0	0
Vocational & Educational Counselors	3	3	0	0	0
Teacher Aides, Paraprofessional	18	19	1	2	3
Physicians & Surgeons	9	9	0	0	0
Dentists	1	1	0	0	0
Optometrists	1	1	0	0	0
Veterinarians & Veterinary Inspectors	1	1	0	0	0
Registered Nurses	32	34	2	5	7
Licensed Practical Nurses	17	17	0	3	3
Emergency Medical Technicians	13	15	2	2	4
Physician Assistants	1	1	0	0	0
Pharmacists	2	2	0	0	0
Dietitians & Nutritionists	11	13	2	2	4
Medical & Clinical Laboratory Technologists	5	5	0	0	0
Medical Records Technicians & Technologists	2	2	0	0	0
Radiologic Technicians	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	14	15	1	2	3
Writers & Editors	44	46	2	7	9
Photographers	10	10	0	1	1
Broadcast Technicians	2	2	0	0	0
Artists & Related Workers	3	3	0	0	0
Athletes, Coaches, Umpires, & Related Workers	3	3	0	0	0
Airplane Dispatchers & Air Traffic Controllers	24	25	1	1	2
Traffic Technicians	4	4	0	0	0
Radio Operators	2	2	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	586	612	26	49	75
SALES & RELATED OCCUPATIONS	39	40	1	4	5
First Line Supervisors & Managers - Sales	4	4	0	0	0
Appraisers, Real Estate	1	1	0	0	0
Salespersons, Retail	20	21	1	2	3
Cashiers	12	12	0	2	2
All Other Sales & Related Workers	2	2	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	1,779	1,897	118	290	408
First Line Supers.-Clerical & Admin. Support	94	100	6	11	17
Insurance Claims Clerks	5	5	0	1	1
Welfare Eligibility Workers & Interviewers	28	33	5	4	9
Court Clerks	29	34	5	6	11
Municipal Clerks	14	16	2	1	3
License Clerks	21	24	3	4	7
Travel Clerks	2	2	0	0	0
Library Assistants & Bookmobile Drivers	17	20	3	1	4
Real Estate Clerks	1	1	0	0	0
Secretaries	311	333	22	70	92

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCHISE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Stenographers	11	11	0	1	1
Receptionists & Information Clerks	6	6	0	1	1
Typists	347	368	21	88	109
Personnel Clerks, Exc. Payroll & Timekeeping	55	57	2	14	16
Order Clerks - Materials, Merch., & Service	1	1	0	0	0
Procurement Clerks	25	26	1	2	3
Statistical Clerks	2	2	0	0	0
Interviewing Clerks, Exc. Personnel & Welfare	28	29	1	4	5
Bookkeeping, Accounting, & Auditing Clerks	139	150	11	26	37
Payroll & Timekeeping Clerks	29	30	1	4	5
General Office Clerks	42	48	6	8	14
Computer Operators, Exc. Peripheral Equipment	28	30	2	2	4
Peripheral EDP Equipment Operators	1	1	0	0	0
Data Entry Keyers, Exc. Composing	26	27	1	1	2
All Other Office Machine Operators	5	5	0	0	0
Switchboard Operators	14	14	0	2	2
All Other Communication Equipment Operators	6	6	0	1	1
Mail Clerks, Exc. Mail Machine Operators & Postal Service	45	47	2	7	9
Postal Mail Carriers	51	53	2	4	6
Postal Service Clerks	11	11	0	1	1
Dispatchers - Police, Fire, & Ambulance	40	47	7	4	11
Dispatchers - Exc. Police, Fire, & Ambulance	3	3	0	0	0
Production, Planning, & Expediting Clerks	4	4	0	0	0
Meter Readers, Utilities	2	2	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	113	118	5	12	17
Traffic, Shipping, & Receiving Clerks	48	50	2	5	7
All Other Material Recording/Scheduling/Dist.	2	2	0	0	0
All Other Clerical & Administrative Support	173	181	8	5	13
SERVICE OCCUPATIONS	773	872	99	73	172
Fire Fighting & Prevention Supervisors	15	17	2	0	2
Police & Detective Supervisors	57	64	7	2	9
All Other Service Supervisors & Managers	34	39	5	6	11
Fire Inspectors	1	1	0	0	0
Fire Fighters	135	155	20	7	27
Police Detectives	22	24	2	0	2
Police Patrol Officers	122	140	18	6	24
Correction Officers & Jailers	113	134	21	25	46
Bailiffs	3	3	0	0	0
Criminal Investigators, Federal	1	1	0	0	0
Sheriffs & Deputy Sheriffs	38	45	7	3	10
Game Wardens	2	2	0	0	0
Guards & Watch Guards	60	62	2	3	5
Bakers, Bread & Pastry	1	1	0	0	0
Butchers & Meat Cutters	11	11	0	1	1
Cooks, Institution or Cafeteria	5	5	0	0	0
Food Preparation Workers	2	2	0	0	0
Combined Food Preparation & Service Workers	9	9	0	1	1
All Other Food Service Workers	3	3	0	0	0
Dental Assistants	21	22	1	5	6
Medical Assistants	3	3	0	0	0
Nursing Aides, Orderlies, & Attendants	4	4	0	0	0
Home Health Aides	2	2	0	0	0
Pharmacy Assistants	2	2	0	0	0
All Other Health Service Workers	10	10	0	0	0
Cleaning & Building Service Occup., Exc. Private Households	19	22	3	3	6
Janitors & Cleaners, Exc. Maids & Housekeeping	18	19	1	3	4
Pest Controllers & Assistants	3	3	0	0	0
Amusement & Recreation Attendants	42	50	8	6	14
Social Welfare Service Aides	15	17	2	2	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCHISE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	59	64	5	5	10
First Line Supervisors - Agri., Forestry, & Rel.	4	4	0	0	0
Forest & Conservation Workers	23	24	1	1	2
Gardeners & Groundskeepers, Exc. Farm	21	24	3	3	6
Animal Caretakers, Exc. Farm	10	11	1	1	2
All Other Agri., Forestry, Fishing, & Related	1	1	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	692	743	51	42	93
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	43	47	4	4	8
First Line Managers/Supervisors - Construction Trades & Extraction Workers	7	7	0	0	0
First Line Mgrs./Supers. - Production & Opers.	4	4	0	0	0
First Line Mgrs./Supers. - Transport. Operatives	6	6	0	1	1
First Line Mgrs./Supers. - Laborers & Helpers	5	5	0	1	1
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	19	22	3	3	6
Production Inspectors, Testers, & Graders	4	4	0	0	0
All Machinery Maintenance Mechanics	17	18	1	0	1
Maintenance Repairers, General Utility	46	51	5	3	8
Automotive Mechanics	12	13	1	0	1
Bus & Truck Mechs., & Diesel Eng. Specialists	2	2	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	21	22	1	0	1
Central Office & PBX Installers & Repairers	12	12	0	0	0
Telephone & Cable TV Line Installers/Repairers	2	2	0	0	0
Electric Home Appliance & Power Tool Repairers	1	1	0	0	0
Electric Motor, Transformer, & Rel. Repairers	2	2	0	0	0
Electronics Repairers, Commercial & Ind. Equip.	40	42	2	2	4
Electrical Powerline Installers & Repairers	10	10	0	0	0
All Other Electrical Mechs./Installers/Repairers	5	5	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	17	18	1	1	2
Precision Instrument Repairers	1	1	0	0	0
Electromedical & Biomedical Equip. Repairers	3	3	0	0	0
Locksmiths & Safe Repairers	3	3	0	0	0
Office Machine & Cash Register Servicers	1	1	0	0	0
Mechanical Control & Valve Installers & Repairers	8	8	0	0	0
Riggers	1	1	0	0	0
All Other Mechanics, Installers, & Repairers	11	11	0	0	0
Carpenters	30	31	1	3	4
Electricians	16	16	0	1	1
Stone Masons	1	1	0	0	0
Painters & Paperhangers - Construction & Maintenance	6	6	0	0	0
Plumbers, Pipefitters, & Steamfitters	21	22	1	2	3
Paving, Surfacing, & Tamping Equip. Opers.	22	26	4	2	6
Highway Maintenance Workers	67	79	12	7	19
Roofers	2	2	0	0	0
Glaziers	1	1	0	0	0
All Other Construction & Extraction Workers, Exc. Helpers	2	2	0	0	0
Machinists	1	1	0	0	0
Sheet Metal Workers	4	4	0	0	0
All Precision Textile & Apparel Workers	1	1	0	0	0
Precision Lithography & Photoengraving Workers	2	2	0	0	0
Precision Pattern/Model Makers	9	9	0	1	1
Precision Detail Design Decorators & Painters	2	2	0	0	0
Precision Dental Laboratory Technicians	1	1	0	0	0
All Other Metal & Plastic Machine Operators	1	1	0	0	0
Photoengraving & Lithographing Photographers	1	1	0	0	0
Printing Press Machine Operators & Tenders	13	13	0	1	1
Bindery Machine Operators	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCHISE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
All Other Machine Operators & Tenders	1	1	0	0	0
Welders & Cutters	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	15	16	1	0	1
Truck Drivers, Heavy or Tractor Trailer	7	8	1	0	1
Truck Drivers, Light - Incl. Delivery & Route	4	4	0	0	0
All Other Motor Vehicle Operators	19	20	1	1	2
Aircraft Pilots & Flight Engineers	2	2	0	0	0
Service Station Attendants	4	4	0	0	0
All Other Transportation & Related Workers	4	4	0	0	0
Industrial Truck & Tractor Operators	3	3	0	0	0
Operating Engineers	36	41	5	2	7
All Other Material Moving Equipment Operators	1	1	0	0	0
Refuse Collectors	22	26	4	1	5
All Other Helpers & Laborers	65	68	3	6	9
TOTAL OF ALL OCCUPATIONS	6,139	6,566	427	672	1,099

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCONINO COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	195	216	21	19	40
Personnel, Training, & Labor Relations Mgrs.	5	5	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	3	3	0	0	0
Administrative Services Managers	9	10	1	0	1
Engineering, Mathematical & Natural Sciences Managers	22	23	1	3	4
Postmasters & Mail Superintendents	10	10	0	2	2
Education Administrators	3	3	0	0	0
Medicine & Health Services Managers	9	9	0	0	0
Construction Managers	2	2	0	0	0
Transportation, Communications, & Utilities Operations Managers	6	6	0	0	0
Public Administration Executives, Legislators, & Administrators	58	69	11	7	18
General Managers & Top Executives	14	14	0	0	0
All Other Managers & Administrators	54	62	8	7	15
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,720	1,830	110	167	277
Accountants & Auditors	21	24	3	2	5
Budget Analysts	6	6	0	0	0
All Other Financial Specialists	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	24	25	1	2	3
Claims Takers, Unemployment Benefits	20	23	3	2	5
Employment Interviewers	6	7	1	0	1
Personnel, Training, & Labor Rel. Specialists	16	17	1	0	1
Management Analysts	1	1	0	0	0
Construction & Building Inspectors	22	25	3	2	5
Compliance & Enforcement Inspectors, Exc. Const.	33	38	5	3	8
Tax Examiners, Collectors, & Revenue Agents	7	7	0	0	0
Assessors	8	9	1	2	3
All Other Management Support Workers	24	27	3	3	6
Civil Engineers, Incl. Traffic	37	40	3	4	7
Agricultural Engineers	3	3	0	0	0
Electrical & Electronic Engineers	3	3	0	0	0
Safety Engineers, Exc. Mining	1	1	0	0	0
Mechanical Engineers	2	2	0	0	0
Landscape Architects	3	3	0	0	0
Surveying & Mapping Scientists	18	19	1	0	1
Civil Engineering Technicians & Technologists	11	12	1	0	1
Electrical/Electronic Engineering Technicians	38	43	5	1	6
Drafters	4	4	0	0	0
Surveying & Mapping Techs.	65	74	9	4	13
All Other Engineering & Related Technicians	53	55	2	5	7
Physicists & Astronomers	10	10	0	0	0
Chemists, Exc. Biochemists	2	2	0	0	0
Geologists, Geophysicists, & Oceanographers	45	48	3	2	5
All Other Physical Scientists	3	3	0	0	0
Foresters & Conservation Scientists	94	98	4	6	10
Agricultural & Food Scientists	12	12	0	1	1
Biological Scientists	17	18	1	1	2
All Other Life Scientists	3	3	0	0	0
Physical & Life Science Tech. & Technologists	1	1	0	0	0
Biological, Agri., & Food Techs., Exc. Health	8	8	0	0	0
All Other Physical & Life Science Techs.	29	30	1	3	4
Systems Analysts, Electronic Data Processing	15	15	0	0	0
Computer Programmers	6	6	0	0	0
Computer Programmer Aides	10	10	0	0	0
Operations & Systems Analysts, Exc. Computer	1	1	0	0	0
All Mathematical Scientists	2	2	0	0	0
Economists, Incl. Market Research Analysts	1	1	0	0	0
Urban & Regional Planners	5	5	0	0	0
Psychologists	1	1	0	0	0
All Other Social Scientists	7	7	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCONINO COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Social Workers, Exc. Medical & Psychiatric	15	17	2	2	4
Social Service Technicians	21	25	4	1	5
Recreation Workers	56	62	6	7	13
Judges & Magistrates	3	3	0	0	0
Lawyers	4	4	0	0	0
Law Clerks	3	3	0	0	0
Paralegal Personnel	1	1	0	0	0
Teachers & Instructors, Voc. Ed. & Training	200	209	9	39	48
Instructors, Nonvocational Education	1	1	0	0	0
Librarians, Professional	16	17	1	3	4
Curators, Archivists, & Museum Technicians	2	2	0	0	0
Vocational & Educational Counselors	11	12	1	1	2
Instructional Coordinators	3	3	0	0	0
Teacher Aides, Paraprofessional	323	338	15	24	39
Physicians & Surgeons	3	3	0	0	0
Speech Pathologists & Audiologists	2	2	0	0	0
Registered Nurses	82	88	6	15	21
Licensed Practical Nurses	33	35	2	7	9
Emergency Medical Technicians	40	46	6	8	14
Physician Assistants	5	5	0	1	1
Pharmacists	1	1	0	0	0
Dietitians & Nutritionists	1	1	0	0	0
Medical & Clinical Laboratory Technologists	13	13	0	2	2
Medical Records Technicians & Technologists	12	12	0	3	3
Radiologic Technicians	6	6	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	4	4	0	0	0
Writers & Editors	2	2	0	0	0
Photographers	4	4	0	0	0
Artists & Related Workers	2	2	0	0	0
Airplane Dispatchers & Air Traffic Controllers	5	5	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	147	154	7	11	18
SALES & RELATED OCCUPATIONS	10	10	0	0	0
First Line Supervisors & Managers - Sales	1	1	0	0	0
Appraisers, Real Estate	4	4	0	0	0
Cashiers	5	5	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	976	1,066	90	150	240
First Line Supers.-Clerical & Admin. Support	38	42	4	4	8
Insurance Claims Clerks	5	5	0	1	1
Welfare Eligibility Workers & Interviewers	25	29	4	4	8
Court Clerks	21	25	4	4	8
Municipal Clerks	2	2	0	0	0
License Clerks	18	21	3	3	6
Library Assistants & Bookmobile Drivers	35	41	6	4	10
Real Estate Clerks	3	3	0	0	0
Secretaries	112	126	14	25	39
Stenographers	7	8	1	1	2
Receptionists & Information Clerks	130	137	7	27	34
Typists	128	141	13	32	45
Personnel Clerks, Exc. Payroll & Timekeeping	15	15	0	3	3
File Clerks	5	5	0	1	1
Procurement Clerks	6	6	0	0	0
Statistical Clerks	1	1	0	0	0
Interviewing Clerks, Exc. Personnel & Welfare	21	22	1	3	4
Customer Service Representatives, Utilities	3	3	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	57	64	7	10	17
Payroll & Timekeeping Clerks	11	11	0	2	2
General Office Clerks	38	44	6	7	13
Billing, Posting, & Calculating Machine Opers.	1	1	0	0	0
Computer Operators, Exc. Peripheral Equipment	5	5	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCONINO COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Peripheral EDP Equipment Operators	4	4	0	0	0
Data Entry Keyers, Exc. Composing	11	12	1	0	1
All Other Office Machine Operators	1	1	0	0	0
Switchboard Operators	8	8	0	0	0
Mail Clerks, Exc. Mail Machine Operators & Postal Service	4	4	0	0	0
Postal Mail Carriers	44	46	2	3	5
Postal Service Clerks	6	6	0	0	0
Messengers	1	1	0	0	0
Dispatchers - Police, Fire, & Ambulance	45	53	8	4	12
Dispatchers - Exc. Police, Fire, & Ambulance	1	1	0	0	0
Production, Planning, & Expediting Clerks	32	34	2	6	8
Meter Readers, Utilities	4	4	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	19	19	0	1	1
Traffic, Shipping, & Receiving Clerks	35	37	2	3	5
All Other Material Recording/Scheduling/Dist.	12	13	1	1	2
All Other Clerical & Administrative Support	62	66	4	1	5
SERVICE OCCUPATIONS	695	781	86	62	148
Fire Fighting & Prevention Supervisors	14	16	2	0	2
Police & Detective Supervisors	25	28	3	0	3
All Other Service Supervisors & Managers	43	48	5	7	12
Fire Fighters	134	158	24	7	31
Police Detectives	9	10	1	0	1
Police Patrol Officers	106	125	19	5	24
Correction Officers & Jailers	6	7	1	1	2
Parking Enforcement Officers	1	1	0	0	0
Bailiffs	3	3	0	0	0
Criminal Investigators, Federal	3	3	0	0	0
Sheriffs & Deputy Sheriffs	51	60	9	4	13
Game Wardens	14	16	2	1	3
Guards & Watch Guards	40	44	4	1	5
All Other Protective Service Workers	7	7	0	0	0
Cooks, Institution or Cafeteria	39	41	2	5	7
Food Preparation Workers	2	2	0	0	0
Combined Food Preparation & Service Workers	37	39	2	6	8
Dental Assistants	11	11	0	3	3
Nursing Aides, Orderlies, & Attendants	28	29	1	5	6
Home Health Aides	11	13	2	1	3
Physical & Corrective Therapy Assists./Aides	2	2	0	0	0
Pharmacy Assistants	6	6	0	1	1
All Other Health Service Workers	8	8	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	12	14	2	2	4
Janitors & Cleaners, Exc. Maids & Housekeeping	49	51	2	8	10
Amusement & Recreation Attendants	1	1	0	0	0
Social Welfare Service Aides	31	36	5	5	10
All Other Service Workers	2	2	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	264	279	15	20	35
First Line Supervisors - Agri., Forestry, & Rel.	33	35	2	3	5
Forest & Conservation Workers	193	202	9	13	22
Gardeners & Groundskeepers, Exc. Farm	18	21	3	3	6
Animal Caretakers, Exc. Farm	1	1	0	0	0
All Other Agri., Forestry, Fishing, & Related	19	20	1	1	2
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	849	936	87	62	149
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	42	47	5	5	10
First Line Managers/Supervisors - Construction Trades & Extraction Workers	13	15	2	0	2
First Line Mgrs./Supers. - Transport. Operatives	8	8	0	1	1
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	13	13	0	2	2

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

COCONINO COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Machinery Maintenance Mechanics, Water & Power Generation Plants	40	46	6	3	9
All Other Machinery Maintenance Mechanics	18	19	1	0	1
Machinery Maintenance Workers	2	2	0	0	0
Maintenance Repairers, General Utility	97	104	7	8	15
Automotive Mechanics	16	18	2	1	3
Bus & Truck Mechs., & Diesel Eng. Specialists	2	2	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	7	7	0	0	0
Electric Motor, Transformer, & Rel. Repairers	1	1	0	0	0
Powerhouse, Substation, & Relay Electricians	1	1	0	0	0
Electrical Powerline Installers & Repairers	4	4	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	3	3	0	0	0
Electromedical & Biomedical Equip. Repairers	1	1	0	0	0
Mechanical Control & Valve Installers & Repairers	4	4	0	0	0
All Other Mechanics, Installers, & Repairers	12	12	0	0	0
Carpenters	9	9	0	0	0
Electricians	7	7	0	0	0
Painters & Paperhangers - Construction & Maintenance	11	11	0	1	1
Plumbers, Pipefitters, & Steamfitters	6	6	0	0	0
Highway Maintenance Workers	105	124	19	11	30
Machinists	1	1	0	0	0
All Other Precision Textile & Apparel Workers	1	1	0	0	0
Precision Detail Design Decorators & Painters	1	1	0	0	0
Machine Setters, Set-Up Operators, Operators, & Tenders	1	1	0	0	0
Hand Working, Inc. Assemblers & Fabricators	1	1	0	0	0
Welders & Cutters	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	39	44	5	1	6
Power Distributors & Dispatchers	10	10	0	0	0
Stationary Engineers	1	1	0	0	0
All Other Plant & System Operators	4	4	0	0	0
All Motor Vehicle Operators	53	55	2	3	5
Aircraft Pilots & Flight Engineers	1	1	0	0	0
Service Station Attendants	1	1	0	0	0
All Other Transportation & Related Workers	9	9	0	0	0
Industrial Truck & Tractor Operators	2	2	0	0	0
Operating Engineers	87	98	11	7	18
Refuse Collectors	49	58	9	2	11
All Other Helpers & Laborers	165	183	18	17	35
TOTAL OF ALL OCCUPATIONS	4,709	5,118	409	480	889

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GILA COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	53	56	3	4	7
Financial Managers	1	1	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	1	1	0	0	0
Administrative Services Managers	2	2	0	0	0
Engineering, Mathematical & Natural Sciences Managers	5	5	0	0	0
Postmasters & Mail Superintendents	14	14	0	3	3
Medicine & Health Services Managers	1	1	0	0	0
Construction Managers	1	1	0	0	0
Transportation, Communications, & Utilities Operations Managers	3	3	0	0	0
Public Administration Executives, Legislators, & Administrators	16	19	3	1	4
General Managers & Top Executives	4	4	0	0	0
All Other Managers & Administrators	5	5	0	0	0
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	254	272	18	19	37
Accountants & Auditors	8	9	1	1	2
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
Claims Takers, Unemployment Benefits	4	4	0	0	0
Employment Interviewers	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	3	3	0	0	0
Construction & Building Inspectors	3	3	0	0	0
Compliance & Enforcement Inspectors, Exc. Const.	13	15	2	1	3
Tax Examiners, Collectors, & Revenue Agents	3	3	0	0	0
Assessors	11	13	2	3	5
All Other Management Support Workers	4	4	0	0	0
Civil Engineers, Incl. Traffic	10	10	0	0	0
Civil Engineering Technicians & Technologists	9	9	0	0	0
Electrical/Electronic Engineering Technicians	1	1	0	0	0
Surveying & Mapping Techs.	17	19	2	0	2
All Other Engineering & Related Technicians	7	7	0	0	0
Foresters & Conservation Scientists	23	24	1	1	2
Biological Scientists	2	2	0	0	0
Psychologists	1	1	0	0	0
All Other Social Scientists	1	1	0	0	0
Social Workers, Medical & Psychiatric	1	1	0	0	0
Social Workers, Exc. Medical & Psychiatric	12	13	1	1	2
Social Service Technicians	18	20	2	0	2
Recreation Workers	2	2	0	0	0
Judges & Magistrates	24	28	4	6	10
Lawyers	15	17	2	1	3
All Other Legal Assistants/Techs., Exc. Clerical	1	1	0	0	0
Teachers & Instructors, Voc. Ed. & Training	3	3	0	0	0
Librarians, Professional	1	1	0	0	0
Teacher Aides, Paraprofessional	1	1	0	0	0
Physicians & Surgeons	5	5	0	0	0
Registered Nurses	23	24	1	3	4
Licensed Practical Nurses	6	6	0	1	1
Physician Assistants	2	2	0	0	0
Medical & Clinical Laboratory Technologists	6	6	0	1	1
Medical Records Technicians & Technologists	1	1	0	0	0
Radiologic Technicians	1	1	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	9	9	0	0	0
SALES & RELATED OCCUPATIONS	2	2	0	0	0
Appraisers, Real Estate	1	1	0	0	0
All Other Sales & Related Workers	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GILA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	317	349	32	45	77
First Line Supers.-Clerical & Admin. Support	7	7	0	0	0
Insurance Claims Clerks	1	1	0	0	0
Welfare Eligibility Workers & Interviewers	15	17	2	2	4
Court Clerks	14	16	2	3	5
Municipal Clerks	3	3	0	0	0
License Clerks	2	2	0	0	0
Real Estate Clerks	2	2	0	0	0
Secretaries	48	54	6	10	16
Stenographers	6	7	1	1	2
Receptionists & Information Clerks	2	2	0	0	0
Typists	57	64	7	13	20
File Clerks	6	7	1	1	2
Interviewing Clerks, Exc. Personnel & Welfare	7	7	0	1	1
Bookkeeping, Accounting, & Auditing Clerks	22	26	4	4	8
Payroll & Timekeeping Clerks	3	3	0	0	0
Billing, Cost & Rate Clerks	5	5	0	1	1
General Office Clerks	16	18	2	2	4
Computer Operators, Exc. Peripheral Equipment	3	3	0	0	0
Switchboard Operators	2	2	0	0	0
Postal Mail Carriers	14	14	0	1	1
Postal Service Clerks	4	4	0	0	0
Dispatchers - Police, Fire, & Ambulance	29	34	5	3	8
Production, Planning, & Expediting Clerks	1	1	0	0	0
Meter Readers, Utilities	3	3	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	5	5	0	0	0
Traffic, Shipping, & Receiving Clerks	34	36	2	3	5
All Other Clerical & Administrative Support	6	6	0	0	0
SERVICE OCCUPATIONS	170	191	21	10	31
Fire Fighting & Prevention Supervisors	1	1	0	0	0
Police & Detective Supervisors	16	18	2	0	2
All Other Service Supervisors & Managers	4	4	0	0	0
Fire Fighters	12	14	2	0	2
Police Detectives	2	2	0	0	0
Police Patrol Officers	47	55	8	2	10
Correction Officers & Jailers	5	5	0	1	1
Bailiffs	2	2	0	0	0
Sheriffs & Deputy Sheriffs	39	46	7	3	10
Game Wardens	2	2	0	0	0
Guards & Watch Guards	3	3	0	0	0
All Other Protective Service Workers	1	1	0	0	0
Cooks, Institution or Cafeteria	4	4	0	0	0
Dental Assistants	4	4	0	1	1
Nursing Aides, Orderlies, & Attendants	6	6	0	1	1
All Other Health Service Workers	1	1	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	2	2	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	3	3	0	0	0
Social Welfare Service Aides	16	18	2	2	4
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	79	82	3	4	7
First Line Supervisors - Agri., Forestry, & Rel.	15	16	1	1	2
Forest & Conservation Workers	53	55	2	3	5
Gardeners & Groundskeepers, Exc. Farm	1	1	0	0	0
Animal Caretakers, Exc. Farm	4	4	0	0	0
All Other Agri., Forestry, Fishing, & Related	6	6	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	234	264	30	15	45
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	8	8	0	0	0
First Line Managers/Supervisors - Construction Trades & Extraction Workers	14	16	2	1	3
First Line Mgrs./Supers. - Laborers & Helpers	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GILA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
All Machinery Maintenance Mechanics	6	7	1	0	1
Maintenance Repairers, General Utility	12	12	0	0	0
Automotive Mechanics	6	6	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	4	4	0	0	0
All Other Electrical Mechs./Installers/Repairers	1	1	0	0	0
Mechanical Control & Valve Installers & Repairers	1	1	0	0	0
All Other Mechanics, Installers, & Repairers	3	3	0	0	0
Highway Maintenance Workers	92	109	17	10	27
Water & Liquid Waste Treatment System Opers.	14	16	2	0	2
Power Distributors & Dispatchers	1	1	0	0	0
Truck Drivers, Heavy or Tractor Trailer	7	8	1	0	1
All Other Motor Vehicle Operators	1	1	0	0	0
Operating Engineers	48	55	7	3	10
All Helpers & Laborers	15	15	0	1	1
TOTAL OF ALL OCCUPATIONS	1,109	1,216	107	97	204

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GRAHAM COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	82	92	10	7	17
Financial Managers	6	7	1	0	1
Administrative Services Managers	1	1	0	0	0
Engineering, Mathematical & Natural Sciences Managers	1	1	0	0	0
Postmasters & Mail Superintendents	8	8	0	1	1
Education Administrators	9	10	1	1	2
Medicine & Health Services Managers	1	1	0	0	0
Construction Managers	1	1	0	0	0
Public Administration Executives, Legislators, & Administrators	28	33	5	3	8
General Managers & Top Executives	17	19	2	1	3
All Other Managers & Administrators	10	11	1	1	2
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	240	259	19	17	36
Loan Officers & Counselors	1	1	0	0	0
All Other Financial Specialists	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	2	2	0	0	0
Personnel, Training, & Labor Rel. Specialists	2	2	0	0	0
Construction & Building Inspectors	11	12	1	1	2
Compliance & Enforcement Inspectors, Exc. Const.	9	10	1	1	2
Assessors	4	4	0	1	1
All Other Management Support Workers	7	8	1	0	1
Mining Engineers, Incl. Mine Safety	1	1	0	0	0
Civil Engineers, Incl. Traffic	3	3	0	0	0
Safety Engineers, Exc. Mining	1	1	0	0	0
Surveying & Mapping Scientists	1	1	0	0	0
Civil Engineering Technicians & Technologists	21	24	3	2	5
Electrical/Electronic Engineering Technicians	2	2	0	0	0
Surveying & Mapping Techs.	5	5	0	0	0
All Other Engineering & Related Technicians	2	2	0	0	0
Geologists, Geophysicists, & Oceanographers	3	3	0	0	0
Foresters & Conservation Scientists	15	16	1	1	2
Agricultural & Food Scientists	2	2	0	0	0
Biological Scientists	9	9	0	1	1
Biological, Agri., & Food Techs., Exc. Health	1	1	0	0	0
All Other Physical & Life Science Techs.	4	4	0	0	0
Systems Analysts, Electronic Data Processing	1	1	0	0	0
Computer Programmers	5	5	0	0	0
All Social Scientists	3	3	0	0	0
Social Service Technicians	29	34	5	2	7
Recreation Workers	23	26	3	2	5
Clergy	1	1	0	0	0
Judges & Magistrates	14	16	2	4	6
Adjudicators, Hearing Officers, & Related	3	3	0	0	0
Lawyers	8	9	1	0	1
All Legal Assistants/Techs., Exc. Clerical	9	9	0	1	1
Teachers & Instructors, Voc. Ed. & Training	3	3	0	0	0
Librarians, Professional	3	3	0	0	0
Vocational & Educational Counselors	1	1	0	0	0
Physicians & Surgeons	1	1	0	0	0
Registered Nurses	1	1	0	0	0
Physician Assistants	4	4	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
Writers & Editors	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	22	23	1	1	2
SALES & RELATED OCCUPATIONS	5	5	0	0	0
Appraisers, Real Estate	5	5	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GRAHAM COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	222	243	21	21	42
First Line Supers.-Clerical & Admin. Support	12	13	1	1	2
Insurance Claims Clerks	1	1	0	0	0
Welfare Eligibility Workers & Interviewers	2	2	0	0	0
Court Clerks	6	7	1	1	2
Municipal Clerks	8	9	1	1	2
License Clerks	13	14	1	2	3
Library Assistants & Bookmobile Drivers	6	7	1	0	1
Real Estate Clerks	2	2	0	0	0
Secretaries	38	44	6	7	13
Stenographers	8	9	1	1	2
Receptionists & Information Clerks	4	4	0	0	0
Typists	9	9	0	1	1
Typists, Word Processing Equipment	1	1	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	2	2	0	0	0
General Office Clerks	29	32	3	4	7
Data Entry Keyers, Exc. Composing	12	13	1	1	2
Mail Clerks, Exc. Mail Machine Operators &	8	9	1	0	1
Postal Service	2	2	0	0	0
Postal Mail Carriers	6	6	0	0	0
Postal Service Clerks	1	1	0	0	0
Dispatchers - Police, Fire, & Ambulance	11	13	2	1	3
Meter Readers, Utilities	3	3	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	13	14	1	0	1
Traffic, Shipping, & Receiving Clerks	17	18	1	1	2
All Other Clerical & Administrative Support	8	8	0	0	0
SERVICE OCCUPATIONS	288	333	45	44	89
Police & Detective Supervisors	13	14	1	0	1
All Other Service Supervisors & Managers	42	49	7	8	15
Police Detectives	9	10	1	0	1
Police Patrol Officers	32	37	5	1	6
Correction Officers & Jailers	143	168	25	32	57
Bailiffs	6	7	1	0	1
Sheriffs & Deputy Sheriffs	20	23	3	1	4
Game Wardens	3	3	0	0	0
Cooks, Institution or Cafeteria	3	3	0	0	0
Medical Assistants	6	7	1	1	2
Social Welfare Service Aides	8	9	1	1	2
Child Care Workers	3	3	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	22	22	0	0	0
First Line Supervisors - Agri., Forestry, & Rel.	2	2	0	0	0
Forest & Conservation Workers	11	11	0	0	0
Gardeners & Groundskeepers, Exc. Farm	3	3	0	0	0
Animal Caretakers, Exc. Farm	2	2	0	0	0
All Other Agri., Forestry, Fishing, & Related	4	4	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	118	128	10	4	14
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	20	21	1	1	2
First Line Managers/Supervisors - Construction Trades & Extraction Workers	2	2	0	0	0
First Line Mgrs./Supers. - Production & Opers.	2	2	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	1	1	0	0	0
All Machinery Maintenance Mechanics	7	8	1	0	1
Maintenance Repairers, General Utility	8	8	0	0	0
Automotive Mechanics	13	15	2	1	3
Mobile Heavy Equip. Mechanics, Exc. Engines	2	2	0	0	0
All Other Mechanics, Installers, & Repairers	2	2	0	0	0
Paving, Surfacing, & Tamping Equip. Opers.	14	16	2	1	3
Highway Maintenance Workers	15	16	1	1	2

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GRAHAM COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
All Other Construction & Extraction Workers, Exc. Helpers	2	2	0	0	0
All Precision Textile & Apparel Workers	1	1	0	0	0
Laundry/Drycleaning Mach. Opers., Exc. Pressing	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	6	7	1	0	1
Truck Drivers, Heavy or Tractor Trailer	6	7	1	0	1
Operating Engineers	6	6	0	0	0
Refuse Collectors	6	7	1	0	1
All Other Helpers & Laborers	4	4	0	0	0
TOTAL OF ALL OCCUPATIONS	977	1,082	105	93	198

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GREENLEE COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	28	30	2	0	2
Financial Managers	3	3	0	0	0
Engineering, Mathematical & Natural Sciences Managers	1	1	0	0	0
Postmasters & Mail Superintendents	4	4	0	0	0
Education Administrators	3	3	0	0	0
Medicine & Health Services Managers	2	2	0	0	0
Public Administration Executives, Legislators, & Administrators	6	7	1	0	1
General Managers & Top Executives	2	2	0	0	0
All Other Managers & Administrators	7	8	1	0	1
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	35	36	1	2	3
Tax Examiners, Collectors, & Revenue Agents	1	1	0	0	0
Assessors	2	2	0	0	0
All Other Management Support Workers	1	1	0	0	0
Drafters	1	1	0	0	0
Surveying & Mapping Techs.	1	1	0	0	0
Foresters & Conservation Scientists	3	3	0	0	0
Computer Programmers	2	2	0	0	0
Urban & Regional Planners	1	1	0	0	0
Social Workers, Medical & Psychiatric	1	1	0	0	0
Social Service Technicians	6	6	0	0	0
Judges & Magistrates	7	8	1	2	3
Lawyers	3	3	0	0	0
Registered Nurses	3	3	0	0	0
Licensed Practical Nurses	1	1	0	0	0
Dietitians & Nutritionists	2	2	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	50	52	2	2	4
Welfare Eligibility Workers & Interviewers	6	6	0	0	0
Court Clerks	3	3	0	0	0
Municipal Clerks	1	1	0	0	0
License Clerks	1	1	0	0	0
Secretaries	4	4	0	0	0
Receptionists & Information Clerks	2	2	0	0	0
Typists	8	9	1	1	2
General Office Clerks	6	6	0	0	0
Postal Mail Carriers	2	2	0	0	0
Dispatchers - Police, Fire, & Ambulance	6	7	1	0	1
Order Fillers, Wholesale & Retail Sales	9	9	0	1	1
All Other Clerical & Administrative Support	2	2	0	0	0
SERVICE OCCUPATIONS	53	58	5	1	6
Police & Detective Supervisors	7	7	0	0	0
Police Detectives	3	3	0	0	0
Police Patrol Officers	13	15	2	0	2
Correction Officers & Jailers	5	5	0	0	0
Sheriffs & Deputy Sheriffs	17	20	3	1	4
All Other Protective Service Workers	1	1	0	0	0
Home Health Aides	3	3	0	0	0
All Other Health Service Workers	1	1	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	3	3	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	5	5	0	0	0
First Line Supervisors - Agri., Forestry, & Rel.	1	1	0	0	0
Forest & Conservation Workers	3	3	0	0	0
Animal Caretakers, Exc. Farm	1	1	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	36	39	3	2	5
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	2	2	0	0	0
Maintenance Repairers, General Utility	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

GREENLEE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Automotive Mechanics	1	1	0	0	0
Bus & Truck Mechs., & Diesel Eng. Specialists	1	1	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	1	1	0	0	0
Paving, Surfacing, & Tamping Equip. Opers.	9	10	1	1	2
Highway Maintenance Workers	11	13	2	1	3
Water & Liquid Waste Treatment System Opers.	1	1	0	0	0
Truck Drivers, Heavy or Tractor Trailer	2	2	0	0	0
Bus Drivers	1	1	0	0	0
Operating Engineers	4	4	0	0	0
Refuse Collectors	1	1	0	0	0
TOTAL OF ALL OCCUPATIONS	207	220	13	7	20

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

LA PAZ COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	9	9	0	0	0
Financial Managers	1	1	0	0	0
Administrative Services Managers	1	1	0	0	0
Education Administrators	1	1	0	0	0
Construction Managers	1	1	0	0	0
Public Administration Executives, Legislators, & Administrators	2	2	0	0	0
General Managers & Top Executives	1	1	0	0	0
All Other Managers & Administrators	2	2	0	0	0
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	33	34	1	1	2
Accountants & Auditors	2	2	0	0	0
All Other Financial Specialists	4	4	0	0	0
Construction & Building Inspectors	3	3	0	0	0
Compliance & Enforcement Inspectors, Exc. Const.	1	1	0	0	0
Assessors	2	2	0	0	0
All Other Management Support Workers	5	5	0	0	0
Surveying & Mapping Techs.	2	2	0	0	0
Recreation Workers	1	1	0	0	0
Judges & Magistrates	6	7	1	1	2
Lawyers	3	3	0	0	0
Librarians, Professional	1	1	0	0	0
Registered Nurses	1	1	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	2	2	0	0	0
SALES & RELATED OCCUPATIONS	8	8	0	1	1
Appraisers, Real Estate	5	5	0	1	1
Cashiers	3	3	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	52	55	3	5	8
First Line Supers.-Clerical & Admin. Support	4	4	0	0	0
Welfare Eligibility Workers & Interviewers	1	1	0	0	0
Court Clerks	10	11	1	2	3
Municipal Clerks	4	4	0	0	0
License Clerks	3	3	0	0	0
Secretaries	9	10	1	2	3
Receptionists & Information Clerks	1	1	0	0	0
Typists	1	1	0	0	0
Typists, Word Processing Equipment	1	1	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	1	1	0	0	0
General Office Clerks	5	5	0	1	1
Dispatchers - Police, Fire, & Ambulance	8	9	1	0	1
All Other Clerical & Administrative Support	4	4	0	0	0
SERVICE OCCUPATIONS	75	84	9	2	11
Police & Detective Supervisors	5	5	0	0	0
Fire Fighters	15	17	2	0	2
Police Detectives	5	5	0	0	0
Police Patrol Officers	25	29	4	0	4
Correction Officers & Jailers	6	7	1	1	2
Sheriffs & Deputy Sheriffs	13	15	2	1	3
All Other Protective Service Workers	4	4	0	0	0
Cooks, Institution or Cafeteria	1	1	0	0	0
Amusement & Recreation Attendants	1	1	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	6	6	0	0	0
Forest & Conservation Workers	3	3	0	0	0
Gardeners & Groundskeepers, Exc. Farm	3	3	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	35	37	2	1	3
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

LA PAZ COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	1	1	0	0	0
All Machinery Maintenance Mechanics	2	2	0	0	0
Maintenance Repairers, General Utility	1	1	0	0	0
Bus & Truck Mechs., & Diesel Eng. Specialists	1	1	0	0	0
Highway Maintenance Workers	13	15	2	1	3
All Other Construction & Extraction Workers, Exc. Helpers	3	3	0	0	0
Water & Liquid Waste Treatment System Opers.	3	3	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	3	3	0	0	0
Operating Engineers	7	7	0	0	0
TOTAL OF ALL OCCUPATIONS	218	233	15	10	25

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MARICOPA COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	2,666	3,063	397	323	720
Financial Managers	120	138	18	13	31
Personnel, Training, & Labor Relations Mgrs.	76	86	10	8	18
Purchasing Managers	19	21	2	1	3
Marketing, Advertising, & Public Rel. Mgrs.	28	31	3	2	5
Administrative Services Managers	147	168	21	16	37
Engineering, Mathematical & Natural Sciences Managers	23	25	2	3	5
Postmasters & Mail Superintendents	78	87	9	18	27
Education Administrators	94	107	13	10	23
Medicine & Health Services Managers	128	147	19	15	34
Property & Real Estate Managers & Admin.	6	7	1	0	1
Industrial Production Managers	1	1	0	0	0
Construction Managers	67	77	10	7	17
Transportation, Communications, & Utilities Operations Managers	234	269	35	12	47
Public Administration Executives, Legislators, & Administrators	227	262	35	27	62
General Managers & Top Executives	670	773	103	84	187
All Other Managers & Administrators	748	864	116	107	223
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	15,942	18,170	2,228	1,979	4,207
Loan Officers & Counselors	44	49	5	4	9
Accountants & Auditors	644	738	94	96	190
Budget Analysts	117	133	16	16	32
All Other Financial Specialists	167	192	25	16	41
Purchasing Agents, Exc. Wholesale, Retail, & Farm	240	269	29	30	59
Claims Takers, Unemployment Benefits	253	292	39	36	75
Employment Interviewers	78	89	11	8	19
Personnel, Training, & Labor Rel. Specialists	439	502	63	51	114
Management Analysts	141	161	20	29	49
Construction & Building Inspectors	360	412	52	58	110
Compliance & Enforcement Inspectors, Exc. Const.	969	1,111	142	135	277
Tax Examiners, Collectors, & Revenue Agents	303	338	35	44	79
Assessors	4	4	0	1	1
All Other Management Support Workers	1,120	1,293	173	161	334
Aeronautical and Astronautical Engineers	5	5	0	0	0
Mining Engineers, Incl. Mine Safety	4	4	0	0	0
Nuclear Engineers	4	4	0	0	0
Civil Engineers, Incl. Traffic	453	517	64	59	123
Agricultural Engineers	6	7	1	0	1
Electrical & Electronic Engineers	80	89	9	3	12
Industrial Engineers, Exc. Safety	1	1	0	0	0
Safety Engineers, Exc. Mining	25	28	3	1	4
Mechanical Engineers	11	12	1	0	1
All Other Engineers	81	90	9	4	13
Architects, Exc. Landscape & Marine	6	7	1	0	1
Landscape Architects	3	3	0	0	0
Surveying & Mapping Scientists	51	58	7	1	8
Civil Engineering Technicians & Technologists	256	295	39	33	72
Electrical/Electronic Engineering Technicians	136	154	18	6	24
Industrial Engineering Techs.	2	2	0	0	0
Drafters	228	262	34	18	52
Surveying & Mapping Techs.	274	315	41	16	57
All Other Engineering & Related Technicians	261	291	30	27	57
Physicists & Astronomers	2	2	0	0	0
Chemists, Exc. Biochemists	55	62	7	5	12
Atmospheric & Space Scientists	17	19	2	1	3
Geologists, Geophysicists, & Oceanographers	38	42	4	1	5
All Other Physical Scientists	77	88	11	5	16
Foresters & Conservation Scientists	49	55	6	3	9
Agricultural & Food Scientists	46	51	5	6	11
Biological Scientists	99	111	12	11	23

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MARICOPA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
All Other Life Scientists	3	3	0	0	0
Physical & Life Science Technicians & Technologists	87	99	12	8	20
Biological, Agri., & Food Techs., Exc. Health	63	70	7	7	14
All Other Physical & Life Science Techs.	49	55	6	5	11
Systems Analysts, Electronic Data Processing	320	368	48	13	61
Computer Programmers	296	341	45	15	60
Computer Programmer Aides	84	95	11	6	17
Operations & Systems Analysts, Exc. Computer	5	5	0	0	0
Mathematical Scientists	1	1	0	0	0
Statisticians	6	7	1	0	1
Financial Analysts, Statistical	1	1	0	0	0
All Other Mathematical Scientists	2	2	0	0	0
Mathematical Technicians	1	1	0	0	0
Economists, Incl. Market Research Analysts	118	135	17	11	28
Urban & Regional Planners	295	340	45	15	60
Psychologists	68	76	8	5	13
All Other Social Scientists	70	78	8	3	11
Social Workers, Medical & Psychiatric	22	25	3	3	6
Social Workers, Exc. Medical & Psychiatric	283	325	42	51	93
Social Service Technicians	697	804	107	61	168
Recreation Workers	392	452	60	56	116
Clergy	11	12	1	1	2
Judges & Magistrates	159	182	23	44	67
Adjudicators, Hearing Officers, & Related	9	10	1	0	1
Lawyers	691	795	104	76	180
Law Clerks	225	259	34	24	58
Paralegal Personnel	105	120	15	10	25
All Other Legal Assistants/Techs., Exc. Clerical	400	450	50	86	136
Teachers & Instructors, Voc. Ed. & Training	193	218	25	38	63
Instructors, Nonvocational Education	5	5	0	0	0
All Other Teachers & Instructors	3	3	0	0	0
Librarians, Professional	226	259	33	50	83
Technical Assistants, Library	25	28	3	5	8
Vocational & Educational Counselors	24	27	3	3	6
Instructional Coordinators	33	37	4	2	6
Teacher Aides, Paraprofessional	91	102	11	7	18
Physicians & Surgeons	181	202	21	26	47
Dentists	5	5	0	0	0
Podiatrists	1	1	0	0	0
Veterinarians & Veterinary Inspectors	10	11	1	0	1
Therapists	30	34	4	4	8
Occupational Therapists	3	3	0	0	0
Physical Therapists	3	3	0	0	0
Corrective & Manual Arts Therapists	3	3	0	0	0
Speech Pathologists & Audiologists	9	10	1	1	2
Recreational Therapists	2	2	0	0	0
Registered Nurses	530	594	64	102	166
Licensed Practical Nurses	185	207	22	40	62
Emergency Medical Technicians	206	237	31	46	77
Physician Assistants	1	1	0	0	0
Pharmacists	27	30	3	6	9
Dietitians & Nutritionists	22	24	2	4	6
Medical & Clinical Laboratory Technologists	79	88	9	14	23
Medical Records Technicians & Technologists	19	21	2	4	6
Radiologic Technicians	26	29	3	4	7
All Other Health Professionals, Paraprofessionals, & Technicians	268	307	39	59	98
Writers & Editors	15	17	2	2	4
Public Rel. Specialists & Publicity Writers	74	84	10	10	20
Photographers	2	2	0	0	0
Artists & Related Workers	4	4	0	0	0
Athletes, Coaches, Umpires, & Related Workers	1	1	0	0	0
Airplane Dispatchers & Air Traffic Controllers	194	216	22	7	29

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MARICOPA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Traffic Technicians	96	110	14	10	24
Radio Operators	34	38	4	3	7
All Other Professional, Paraprofessional, & Technical Workers	1,700	1,939	239	147	386
SALES & RELATED OCCUPATIONS	484	553	69	86	155
First Line Supervisors & Managers - Sales	16	18	2	1	3
Appraisers, Real Estate	270	310	40	55	95
Salespersons, Retail	68	76	8	8	16
Cashiers	62	71	9	12	21
All Other Sales & Related Workers	68	78	10	10	20
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	17,796	20,224	2,428	2,889	5,317
First Line Supers.-Clerical & Admin. Support	1,093	1,249	156	145	301
Adjustment Clerks	5	5	0	1	1
Insurance Adjusters, Examiners, & Investigators	35	39	4	3	7
Insurance Claims Clerks	101	112	11	22	33
Welfare Eligibility Workers & Interviewers	301	347	46	54	100
Court Clerks	306	353	47	66	113
Municipal Clerks	13	15	2	1	3
License Clerks	284	327	43	61	104
Travel Clerks	5	5	0	1	1
Library Assistants & Bookmobile Drivers	128	148	20	14	34
Teacher Aides & Ed. Assistants, Clerical	1	1	0	0	0
Real Estate Clerks	38	42	4	8	12
Secretaries	2,157	2,477	320	501	821
Stenographers	151	170	19	31	50
Receptionists & Information Clerks	92	105	13	19	32
Typists	1,619	1,857	238	424	662
Typists, Word Processing Equipment	191	220	29	21	50
Personnel Clerks, Exc. Payroll & Timekeeping	225	254	29	62	91
File Clerks	186	215	29	51	80
Procurement Clerks	42	47	5	4	9
Statistical Clerks	49	55	6	10	16
Interviewing Clerks, Exc. Personnel & Welfare	97	108	11	15	26
Customer Service Representatives, Utilities	126	145	19	27	46
Bookkeeping, Accounting, & Auditing Clerks	957	1,100	143	190	333
Payroll & Timekeeping Clerks	41	46	5	6	11
Billing, Cost & Rate Clerks	12	13	1	2	3
General Office Clerks	1,560	1,801	241	340	581
Mail Machine Operators, Preparation & Handling	14	16	2	4	6
Computer Operators, Exc. Peripheral Equipment	304	350	46	33	79
Peripheral EDP Equipment Operators	64	74	10	14	24
Data Entry Keyers, Exc. Composing	270	310	40	20	60
All Other Office Machine Operators	80	91	11	22	33
Switchboard Operators	119	135	16	31	47
Telegraph & Teletype Operators	6	7	1	0	1
All Other Communication Equipment Operators	8	9	1	1	2
Mail Clerks, Exc. Mail Machine Operators & Postal Service	269	302	33	46	79
Postal Mail Carriers	2,336	2,602	266	208	474
Postal Service Clerks	1,253	1,395	142	156	298
Messengers	84	94	10	9	19
Dispatchers - Police, Fire, & Ambulance	289	333	44	33	77
Dispatchers - Exc. Police, Fire, & Ambulance	24	27	3	1	4
Production, Planning, & Expediting Clerks	35	39	4	7	11
Meter Readers, Utilities	70	80	10	4	14
Stock Clerks - Stockroom, Warehouse, or Yard	437	496	59	49	108
Traffic, Shipping, & Receiving Clerks	1,137	1,265	128	129	257
All Other Material Recording/Scheduling/Dist.	112	127	15	12	27
All Other Clerical & Administrative Support	1,070	1,216	146	31	177

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MARICOPA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
SERVICE OCCUPATIONS	8,627	9,940	1,313	1,023	2,336
First Line Supers. & Mgrs./Supers. - Service	1	1	0	0	0
Fire Fighting & Prevention Supervisors	337	389	52	19	71
Police & Detective Supervisors	821	948	127	44	171
All Other Service Supervisors & Managers	303	349	46	60	106
Fire Inspectors	22	25	3	1	4
Fire Fighters	567	654	87	33	120
Police Detectives	195	224	29	9	38
Police Patrol Officers	2,310	2,672	362	128	490
Correction Officers & Jailers	1,464	1,693	229	331	560
Bailiffs	79	91	12	6	18
U.S. Marshalls	11	12	1	2	3
Criminal Investigators, Federal	102	114	12	24	36
Sheriffs & Deputy Sheriffs	300	347	47	24	71
Game Wardens	32	37	5	2	7
Guards & Watch Guards	159	183	24	8	32
All Other Protective Service Workers	182	209	27	26	53
Butchers & Meat Cutters	24	27	3	2	5
Cooks, Institution or Cafeteria	88	100	12	12	24
Food Preparation Workers	35	40	5	6	11
Combined Food Preparation & Service Workers	90	101	11	16	27
All Other Food Service Workers	4	4	0	0	0
Dental Assistants	17	19	2	4	6
Medical Assistants	34	39	5	7	12
Nursing Aides, Orderlies, & Attendants	82	93	11	18	29
Home Health Aides	1	1	0	0	0
Psychiatric Aides	226	261	35	50	85
Physical & Corrective Therapy Assists./Aides	3	3	0	0	0
Pharmacy Assistants	15	17	2	3	5
All Other Health Service Workers	60	67	7	4	11
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	401	463	62	73	135
Janitors & Cleaners, Exc. Maids & Housekeeping	148	165	17	27	44
Barbers	1	1	0	0	0
Amusement & Recreation Attendants	249	287	38	37	75
Social Welfare Service Aides	217	250	33	38	71
All Other Service Workers	47	54	7	9	16
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	604	692	88	105	193
First Line Supervisors - Agri., Forestry, & Rel.	9	10	1	1	2
Forest & Conservation Workers	68	76	8	4	12
Graders & Sorters, Agricultural Products	21	23	2	3	5
Gardeners & Groundskeepers, Exc. Farm	476	549	73	93	166
Animal Caretakers, Exc. Farm	18	20	2	3	5
All Other Agri., Forestry, Fishing, & Related	12	14	2	1	3
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	6,977	7,968	991	645	1,636
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	302	344	42	42	84
First Line Managers/Supervisors - Construction Trades & Extraction Workers	94	107	13	9	22
First Line Mgrs./Supers. - Production & Opers.	26	29	3	1	4
First Line Mgrs./Supers. - Transport. Operatives	150	172	22	29	51
First Line Mgrs./Supers. - Laborers & Helpers	20	22	2	4	6
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	178	205	27	34	61
Precision Inspectors, Testers, & Graders	4	4	0	0	0
Production Inspectors, Testers, & Graders	10	11	1	1	2
Transportation Inspectors	6	6	0	0	0
Machinery Maintenance Mechanics, Water & Power Generation Plants	149	172	23	13	36
All Other Machinery Maintenance Mechanics	56	63	7	2	9
Machinery Maintenance Workers	172	196	24	19	43
Maintenance Repairers, General Utility	347	398	51	30	81

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MARICOPA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Automotive Mechanics	168	191	23	12	35
Automotive Body & Related Repairers	1	1	0	0	0
Bus & Truck Mechs., & Diesel Eng. Specialists	43	48	5	3	8
Mobile Heavy Equip. Mechanics, Exc. Engines	183	209	26	9	35
Aircraft Mechanics	126	141	15	7	22
Aircraft Engine Specialists	64	71	7	2	9
Central Office & PBX Installers & Repairers	1	1	0	0	0
Frame Wirers, Central Office	6	7	1	0	1
Electric Motor, Transformer, & Rel. Repairers	2	2	0	0	0
Electronics Repairers, Commercial & Ind. Equip.	55	62	7	3	10
Powerhouse, Substation, & Relay Electricians	19	21	2	1	3
Electrical Powerline Installers & Repairers	25	28	3	2	5
Electrical Installers & Repairers, Transportation Equipment	19	21	2	1	3
All Other Electrical Mechs./Installers/Repairers	17	19	2	1	3
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	53	58	5	3	8
Precision Instrument Repairers	110	125	15	9	24
Electromedical & Biomedical Equip. Repairers	7	8	1	0	1
Electric Meter Installers & Repairers	4	4	0	0	0
Mechanical Control & Valve Installers & Repairers	57	63	6	2	8
Tire Repairers & Changers	3	3	0	0	0
All Other Mechanics, Installers, & Repairers	217	246	29	18	47
Carpenters	48	55	7	5	12
Electricians	208	239	31	19	50
Stone Masons	2	2	0	0	0
Concrete & Terrazzo Finishers	11	12	1	0	1
Painters & Paperhangers - Construction & Maintenance	49	55	6	5	11
Plumbers, Pipefitters, & Steamfitters	26	28	2	1	3
Paving, Surfacing, & Tamping Equip. Opers.	239	276	37	27	64
Highway Maintenance Workers	497	574	77	56	133
All Extraction Workers, Exc. Helpers	33	37	4	2	6
All Other Construction & Extraction Workers, Exc. Helpers	34	39	5	2	7
Precision Production Occupations	27	31	4	2	6
Tool & Die Makers	2	2	0	0	0
Machinists	8	9	1	0	1
Sheet Metal Workers	30	34	4	2	6
Cabinetmakers & Bench Carpenters	7	8	1	0	1
All Precision Textile & Apparel Workers	12	14	2	2	4
Precision Pattern/Model Makers	9	10	1	1	2
Precision Detail Design Decorators & Painters	3	3	0	0	0
Precision Dental Laboratory Technicians	1	1	0	0	0
Machine Setters, Set-Up Operators, Operators, & Tenders	109	125	16	10	26
Electrolytic Coating Machine Operators - Metal & Plastic	1	1	0	0	0
Printing Press Machine Operators & Tenders	6	7	1	0	1
Sewing Machine Operators, Garment	1	1	0	0	0
Laundry/Drycleaning Mach. Opers., Exc. Pressing	2	2	0	0	0
Painters, Transportation Equipment	2	2	0	0	0
Hand Working, Inc. Assemblers & Fabricators	27	30	3	2	5
Welders & Cutters	10	11	1	0	1
Assemblers/Fabricators - Exc. Machine, Electrical & Precision	6	7	1	0	1
All Other Hand Workers	17	19	2	2	4
Water & Liquid Waste Treatment System Opers.	432	499	67	25	92
Power Generating Plant Opers., Exc. Aux. Equip.	2	2	0	0	0
Power Distributors & Dispatchers	21	24	3	1	4
Stationary Engineers	33	37	4	2	6
All Other Plant & System Operators	22	24	2	2	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MARICOPA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Truck Drivers, Heavy or Tractor Trailer	71	79	8	5	13
Truck Drivers, Light - Incl. Delivery & Route	31	35	4	2	6
Bus Drivers	7	8	1	0	1
All Other Motor Vehicle Operators	43	48	5	3	8
Aircraft Pilots & Flight Engineers	19	21	2	1	3
Service Station Attendants	60	68	8	6	14
All Other Transportation & Related Workers	269	310	41	30	71
Crane & Tower Operators	1	1	0	0	0
Industrial Truck & Tractor Operators	43	47	4	2	6
Operating Engineers	320	369	49	29	78
All Other Transportation & Moving Equip. Operators	3	3	0	0	0
All Other Material Moving Equipment Operators	18	20	2	1	3
Refuse Collectors	440	509	69	26	95
All Other Freight & Material Movers, Hand	1	1	0	0	0
Vehicle Washers & Equipment Cleaners	3	3	0	0	0
All Other Helpers & Laborers	1,017	1,168	151	115	266
TOTAL OF ALL OCCUPATIONS	53,096	60,610	7,514	7,050	14,564

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MOHAVE COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	98	109	11	10	21
Financial Managers	8	9	1	0	1
Personnel, Training, & Labor Relations Mgrs.	2	2	0	0	0
Administrative Services Managers	6	7	1	0	1
Postmasters & Mail Superintendents	14	14	0	3	3
Education Administrators	3	3	0	0	0
Medicine & Health Services Managers	1	1	0	0	0
Construction Managers	5	5	0	0	0
Transportation, Communications, & Utilities Operations Managers	1	1	0	0	0
Public Administration Executives, Legislators, & Administrators	11	13	2	1	3
General Managers & Top Executives	26	30	4	3	7
All Other Managers & Administrators	21	24	3	3	6
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	314	342	28	20	48
Loan Officers & Counselors	1	1	0	0	0
Accountants & Auditors	7	8	1	0	1
Budget Analysts	1	1	0	0	0
All Other Financial Specialists	2	2	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
Claims Takers, Unemployment Benefits	2	2	0	0	0
Employment Interviewers	6	6	0	0	0
Personnel, Training, & Labor Rel. Specialists	3	3	0	0	0
Construction & Building Inspectors	8	9	1	1	2
Compliance & Enforcement Inspectors, Exc. Const.	35	41	6	4	10
Tax Examiners, Collectors, & Revenue Agents	3	3	0	0	0
Assessors	3	3	0	0	0
All Other Management Support Workers	23	26	3	2	5
Mining Engineers, Incl. Mine Safety	1	1	0	0	0
Civil Engineers, Incl. Traffic	6	6	0	0	0
All Other Engineers	1	1	0	0	0
Surveying & Mapping Scientists	1	1	0	0	0
Civil Engineering Technicians & Technologists	19	21	2	1	3
Electrical/Electronic Engineering Technicians	2	2	0	0	0
Drafters	3	3	0	0	0
Surveying & Mapping Techs.	14	16	2	0	2
All Other Engineering & Related Technicians	2	2	0	0	0
Foresters & Conservation Scientists	8	8	0	0	0
Agricultural & Food Scientists	3	3	0	0	0
Biological Scientists	7	7	0	0	0
All Other Life Scientists	1	1	0	0	0
Physical & Life Science Technicians & Technologists	3	3	0	0	0
Biological, Agri., & Food Techs., Exc. Health	2	2	0	0	0
Computer Programmers	1	1	0	0	0
Urban & Regional Planners	7	8	1	0	1
Social Workers, Medical & Psychiatric	1	1	0	0	0
Social Workers, Exc. Medical & Psychiatric	13	15	2	2	4
Social Service Technicians	14	16	2	1	3
Recreation Workers	10	11	1	1	2
Judges & Magistrates	7	8	1	2	3
Lawyers	10	11	1	1	2
Law Clerks	5	5	0	0	0
Teachers & Instructors, Voc. Ed. & Training	3	3	0	0	0
Librarians, Professional	8	9	1	1	2
Technical Assistants, Library	3	3	0	0	0
Registered Nurses	4	4	0	0	0
Emergency Medical Technicians	11	13	2	2	4
Physician Assistants	1	1	0	0	0
Medical Records Technicians & Technologists	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MOHAVE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Public Rel. Specialists & Publicity Writers	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	42	44	2	3	6
SALES & RELATED OCCUPATIONS	18	20	2	2	4
First Line Supervisors & Managers - Sales	3	3	0	0	0
Appraisers, Real Estate	12	14	2	2	4
Cashiers	2	2	0	0	0
All Other Sales & Related Workers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	473	505	32	91	123
First Line Supers.-Clerical & Admin. Support	14	15	1	0	1
Welfare Eligibility Workers & Interviewers	22	25	3	3	6
Court Clerks	24	28	4	0	4
Municipal Clerks	5	5	0	0	0
License Clerks	19	22	3	4	7
Library Assistants & Bookmobile Drivers	19	22	3	3	6
Teacher Aides & Ed. Assistants, Clerical	2	2	0	0	0
Real Estate Clerks	2	2	0	0	0
Secretaries	90	90	0	10	10
Stenographers	2	2	0	0	0
Receptionists & Information Clerks	0	0	0	1	1
Typists	43	50	7	10	17
Typists, Word Processing Equipment	2	2	0	0	0
Personnel Clerks, Exc. Payroll & Timekeeping	2	2	0	0	0
File Clerks	3	3	0	0	0
Customer Service Representatives, Utilities	0	0	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	31	38	5	5	10
Payroll & Timekeeping Clerks	1	1	0	0	0
Billing, Cost & Rate Clerks	2	2	0	0	0
General Office Clerks	51	59	8	10	18
Computer Operators, Exc. Peripheral Equipment	2	2	0	0	0
Data Entry Keyers, Exc. Composing	3	3	0	0	0
All Other Office Machine Operators	0	0	0	1	1
Postal Mail Carriers	39	41	2	3	5
Postal Service Clerks	0	0	0	0	0
Dispatchers - Police, Fire, & Ambulance	20	23	3	2	5
Production, Planning, & Expediting Clerks	7	7	0	1	1
Meter Readers, Utilities	5	5	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	8	8	0	0	0
Traffic, Shipping, & Receiving Clerks	62	66	4	0	4
All Other Material Recording/Scheduling/Dist.	1	1	0	0	0
All Other Clerical & Administrative Support	32	35	3	0	3
SERVICE OCCUPATIONS	427	500	73	30	103
Fire Fighting & Prevention Supervisors	22	26	4	1	5
Police & Detective Supervisors	33	38	5	1	6
All Other Service Supervisors & Managers	14	16	2	2	4
Fire Fighters	110	131	21	0	21
Police Detectives	19	22	3	0	3
Police Patrol Officers	86	102	16	0	29
Correction Officers & Jailers	46	52	6	0	17
U.S. Marshalls	1	1	0	0	0
Sheriffs & Deputy Sheriffs	37	44	7	3	10
Game Wardens	16	19	3	1	4
All Other Protective Service Workers	7	8	1	1	2
Cooks, Institution or Cafeteria	14	18	4	1	5
Food Preparation Workers	6	7	1	1	2
Nursing Aides, Orderlies, & Attendants	3	3	0	0	0
Home Health Aides	0	0	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	2	2	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

MOHAVE COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Social Welfare Service Aides	3	3	0	0	0
All Other Service Workers	4	4	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	42	46	4	4	8
Forest & Conservation Workers	7	7	0	0	0
Gardeners & Groundskeepers, Exc. Farm	20	23	3	3	6
Animal Caretakers, Exc. Farm	6	7	1	1	2
All Other Agri., Forestry, Fishing, & Related	9	9	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	294	329	35	17	52
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	13	15	2	1	3
First Line Managers/Supervisors - Construction Trades & Extraction Workers	10	10	0	0	0
First Line Mgrs./Supers. - Transport. Operatives	2	2	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	1	1	0	0	0
All Inspectors, Testers, & Related	1	1	0	0	0
Machinery Maintenance Mechanics, Water & Power Generation Plants	6	6	0	0	0
All Other Machinery Maintenance Mechanics	13	14	1	0	1
Maintenance Repairers, General Utility	35	38	3	2	5
Automotive Mechanics	8	9	1	0	1
Bus & Truck Mechs., & Diesel Eng. Specialists	4	4	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	4	4	0	0	0
Electrical Powerline Installers & Repairers	1	1	0	0	0
All Other Mechanics, Installers, & Repairers	6	6	0	0	0
Painters & Paperhangers - Construction & Maintenance	1	1	0	0	0
Pipelayers	11	13	2	1	3
Highway Maintenance Workers	74	88	14	8	22
Machinists	1	1	0	0	0
Hand Working, Inc. Assemblers & Fabricators	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	18	21	3	1	4
Power Distributors & Dispatchers	1	1	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	1	1	0	0	0
Bus Drivers	9	10	1	1	2
All Other Motor Vehicle Operators	1	1	0	0	0
Service Station Attendants	2	2	0	0	0
All Other Transportation & Related Workers	16	19	3	1	4
Industrial Truck & Tractor Operators	4	4	0	0	0
Operating Engineers	24	27	3	1	4
Refuse Collectors	3	3	0	0	0
All Other Helpers & Laborers	23	25	2	1	3
TOTAL OF ALL OCCUPATIONS	1,666	1,871	205	144	349

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

NAVAJO COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	141	155	14	13	27
Financial Managers	7	8	1	0	1
Administrative Services Managers	4	4	0	0	0
Engineering, Mathematical & Natural Sciences Managers	5	5	0	0	0
Postmasters & Mail Superintendents	25	26	1	6	7
Education Administrators	10	10	0	0	0
Medicine & Health Services Managers	7	7	0	0	0
Construction Managers	3	3	0	0	0
Transportation, Communications, & Utilities Operations Managers	9	10	1	0	1
Public Administration Executives, Legislators, & Administrators	33	39	6	4	10
General Managers & Top Executives	5	5	0	0	0
All Other Managers & Administrators	33	38	5	3	8
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,286	1,352	66	146	212
Loan Officers & Counselors	2	2	0	0	0
Accountants & Auditors	3	3	0	0	0
Budget Analysts	2	2	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	4	4	0	0	0
Claims Takers, Unemployment Benefits	7	8	1	1	2
Employment Interviewers	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	4	4	0	0	0
Construction & Building Inspectors	11	12	1	1	2
Compliance & Enforcement Inspectors, Exc. Const.	9	9	0	0	0
Tax Examiners, Collectors, and Revenue Agents	1	1	0	0	0
Assessors	3	3	0	0	0
All Other Management Support Workers	12	13	1	1	2
Civil Engineers, Incl. Traffic	17	18	1	0	1
Agricultural Engineers	1	1	0	0	0
Surveying & Mapping Scientists	2	2	0	0	0
Civil Engineering Technicians & Technologists	15	17	2	1	3
Electrical/Electronic Engineering Technicians	2	2	0	0	0
Drafters	7	8	1	0	1
Surveying & Mapping Techs.	29	33	4	1	5
All Other Engineering & Related Technicians	23	24	1	2	3
Foresters & Conservation Scientists	39	41	2	2	4
Agricultural & Food Scientists	3	3	0	0	0
Biological Scientists	6	6	0	0	0
Physical & Life Science Technicians & Technologists	4	4	0	0	0
Biological, Agri., & Food Techs., Exc. Health	5	5	0	0	0
All Other Physical & Life Science Techs.	5	5	0	0	0
Urban & Regional Planners	9	10	1	0	1
Psychologists	2	2	0	0	0
All Other Social Scientists	2	2	0	0	0
Social Workers, Exc. Medical & Psychiatric	5	5	0	0	0
Social Service Technicians	12	13	1	0	1
Recreation Workers	38	42	4	5	9
Judges & Magistrates	13	15	2	3	5
Lawyers	8	9	1	0	1
Law Clerks	2	2	0	0	0
Teachers & Instructors, Voc. Ed. & Training	311	325	14	61	75
Instructors, Nonvocational Education	2	2	0	0	0
Librarians, Professional	15	15	0	3	3
Technical Assistants, Library	2	2	0	0	0
Teacher Aides, Paraprofessional	442	462	20	34	54
Physicians & Surgeons	2	2	0	0	0
Veterinarians & Veterinary Inspectors	1	1	0	0	0
Speech Pathologists & Audiologists	1	1	0	0	0
Registered Nurses	86	91	5	16	21
Licensed Practical Nurses	35	37	2	7	9

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

NAVAJO COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Physician Assistants	5	5	0	1	1
Pharmacists	1	1	0	0	0
Dietitians & Nutritionists	2	2	0	0	0
Medical & Clinical Laboratory Technologists	21	22	1	3	4
Medical Records Technicians & Technologists	11	11	0	2	2
Radiologic Technicians	6	6	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	4	4	0	0	0
Radio Operators	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	30	31	1	2	3
SALES & RELATED OCCUPATIONS	17	18	1	1	2
First Line Supervisors & Managers - Sales	1	1	0	0	0
Appraisers, Real Estate	10	11	1	1	2
Salespersons, Retail	2	2	0	0	0
Cashiers	4	4	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	532	580	48	80	128
First Line Supers.-Clerical & Admin. Support	22	24	2	2	4
Welfare Eligibility Workers & Interviewers	39	46	7	7	14
Court Clerks	17	20	3	3	6
Municipal Clerks	6	7	1	0	1
License Clerks	8	8	0	1	1
Library Assistants & Bookmobile Drivers	9	10	1	1	2
Real Estate Clerks	1	1	0	0	0
Secretaries	95	105	10	20	30
Stenographers	2	2	0	0	0
Receptionists & Information Clerks	14	14	0	3	3
Typists	93	103	10	23	33
Personnel Clerks, Exc. Payroll & Timekeeping	4	4	0	1	1
Interviewing Clerks, Exc. Personnel & Welfare	22	23	1	3	4
Bookkeeping, Accounting, & Auditing Clerks	17	19	2	2	4
Payroll & Timekeeping Clerks	5	5	0	0	0
General Office Clerks	31	33	2	5	7
Computer Operators, Exc. Peripheral Equipment	2	2	0	0	0
Data Entry Keyers, Exc. Composing	6	7	1	0	1
Switchboard Operators	5	5	0	0	0
Mail Clerks, Exc. Mail Machine Operators & Postal Service	3	3	0	0	0
Postal Mail Carriers	14	14	0	1	1
Postal Service Clerks	6	6	0	0	0
Dispatchers - Police, Fire, & Ambulance	24	28	4	2	6
Production, Planning, & Expediting Clerks	11	11	0	2	2
Meter Readers, Utilities	4	4	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	12	12	0	1	1
Traffic, Shipping, & Receiving Clerks	31	33	2	3	5
All Other Clerical & Administrative Support	29	31	2	0	2
SERVICE OCCUPATIONS	530	583	53	57	110
Fire Fighting & Prevention Supervisors	3	3	0	0	0
Police & Detective Supervisors	30	33	3	1	4
All Other Service Supervisors & Managers	19	20	1	3	4
Forest Fire Inspectors & Prev. Specialists	5	5	0	0	0
Fire Fighters	76	90	14	4	18
Police Detectives	4	4	0	0	0
Police Patrol Officers	55	65	10	2	12
Correction Officers & Jailers	33	39	6	7	13
Criminal Investigators, Federal	2	2	0	0	0
Sheriffs & Deputy Sheriffs	35	41	6	2	8
Game Wardens	8	9	1	0	1
Guards & Watch Guards	10	10	0	0	0
All Other Protective Service Workers	12	12	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

NAVAJO COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Cooks, Institution or Cafeteria	62	64	2	9	11
Combined Food Preparation & Service Workers	45	48	3	8	11
Dental Assistants	23	24	1	6	7
Nursing Aides, Orderlies, & Attendants	26	27	1	5	6
Physical & Corrective Therapy Assists./Aides	1	1	0	0	0
Pharmacy Assistants	3	3	0	0	0
All Other Health Service Workers	12	12	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	9	10	1	1	2
Janitors & Cleaners, Exc. Maids & Housekeeping	42	44	2	7	9
Amusement & Recreation Attendants	13	15	2	1	3
Social Welfare Service Aides	2	2	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	351	371	20	28	48
First Line Supervisors - Agri., Forestry, & Rel.	12	12	0	1	1
Forest & Conservation Workers	276	288	12	19	31
Gardeners & Groundskeepers, Exc. Farm	39	46	7	7	14
Animal Caretakers, Exc. Farm	4	4	0	0	0
All Other Agri., Forestry, Fishing, & Related	20	21	1	1	2
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	599	651	52	44	96
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	19	19	0	1	1
First Line Managers/Supervisors - Construction Trades & Extraction Workers	6	6	0	0	0
First Line Mgrs./Supers. - Transport. Operatives	12	13	1	1	2
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	14	16	2	2	4
Transportation Inspectors	2	2	0	0	0
All Machinery Maintenance Mechanics	10	11	1	0	1
Machinery Maintenance Workers	3	3	0	0	0
Maintenance Repairers, General Utility	75	79	4	5	9
Automotive Mechanics	11	11	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	14	15	1	0	1
Small Engine Specialists	1	1	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	1	1	0	0	0
Mechanical Control & Valve Installers & Repairers	3	3	0	0	0
All Other Mechanics, Installers, & Repairers	2	2	0	0	0
Carpenters	2	2	0	0	0
Electricians	6	6	0	0	0
Painters & Paperhangers - Construction & Maintenance	6	6	0	0	0
Plumbers, Pipefitters, & Steamfitters	14	16	2	1	3
Pipelayers	4	4	0	0	0
Paving, Surfacing, & Tamping Equip. Opers.	53	63	10	6	16
Highway Maintenance Workers	69	82	13	7	20
All Precision Textile & Apparel Workers	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	6	7	1	0	1
Truck Drivers, Light - Incl. Delivery & Route	1	1	0	0	0
All Other Motor Vehicle Operators	70	73	3	5	8
Service Station Attendants	2	2	0	0	0
All Other Transportation & Related Workers	6	7	1	0	1
Industrial Truck & Tractor Operators	1	1	0	0	0
Operating Engineers	58	62	4	4	8
Refuse Collectors	21	25	4	1	5
All Other Helpers & Laborers	106	111	5	11	16
TOTAL OF ALL OCCUPATIONS	3,456	3,710	254	369	623

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PIMA COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	641	740	99	69	168
Financial Managers	31	36	5	3	8
Personnel, Training, & Labor Relations Mgrs.	13	14	1	1	2
Purchasing Managers	3	3	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	3	3	0	0	0
Administrative Services Managers	36	42	6	4	10
Engineering, Mathematical & Natural Sciences Managers	11	12	1	1	2
Postmasters & Mail Superintendents	23	24	1	5	6
Education Administrators	7	7	0	0	0
Medicine & Health Services Managers	62	70	8	7	15
Property & Real Estate Managers & Admin.	2	2	0	0	0
Construction Managers	13	15	2	1	3
Transportation, Communications, & Utilities Operations Managers	92	106	14	4	18
Public Administration Executives, Legislators, & Administrators	38	45	7	4	11
General Managers & Top Executives	143	168	25	17	42
All Other Managers & Administrators	164	193	29	22	51
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	5,663	6,407	744	704	1,448
Loan Officers & Counselors	4	4	0	0	0
Accountants & Auditors	169	192	23	23	46
Budget Analysts	29	32	3	3	6
All Other Financial Specialists	9	9	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	75	80	5	8	13
Claims Takers, Unemployment Benefits	69	82	13	10	23
Employment Interviewers	75	80	5	8	13
Personnel, Training, & Labor Rel. Specialists	114	129	15	13	28
Management Analysts	33	37	4	7	11
Construction & Building Inspectors	61	70	9	8	17
Compliance & Enforcement Inspectors, Exc. Const.	166	190	24	21	45
Tax Examiners, Collectors, & Revenue Agents	84	89	5	11	16
Assessors	1	1	0	0	0
All Other Management Support Workers	416	492	76	60	136
Aeronautical and Astronautical Engineers	1	1	0	0	0
Civil Engineers, Incl. Traffic	206	242	36	26	62
Electrical & Electronic Engineers	13	14	1	0	1
Industrial Engineers, Exc. Safety	8	8	0	0	0
Safety Engineers, Exc. Mining	7	7	0	0	0
Mechanical Engineers	3	3	0	0	0
All Other Engineers	20	21	1	1	2
Architects, Exc. Landscape & Marine	2	2	0	0	0
Landscape Architects	2	2	0	0	0
Surveying & Mapping Scientists	37	43	6	1	7
Civil Engineering Technicians & Technologists	153	182	29	20	49
Electrical/Electronic Engineering Technicians	106	122	16	5	21
Industrial Engineering Techs.	7	7	0	0	0
Drafters	130	155	25	10	35
Surveying & Mapping Techs.	121	143	22	7	29
All Other Engineering & Related Technicians	125	142	17	13	30
Physicists & Astronomers	4	4	0	0	0
Chemists, Exc. Biochemists	24	28	4	2	6
Atmospheric & Space Scientists	1	1	0	0	0
Geologists, Geophysicists, & Oceanographers	40	42	2	2	4
All Other Physical Scientists	4	4	0	0	0
Foresters & Conservation Scientists	19	20	1	1	2
Agricultural & Food Scientists	26	27	1	3	4
Biological Scientists	22	23	1	2	3
Medical Scientists	2	2	0	0	0
All Other Life Scientists	14	15	1	1	2
Physical & Life Science Technicians & Technologists	18	21	3	1	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PIMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Biological, Agri., & Food Techs., Exc. Health	37	39	2	4	6
All Other Physical & Life Science Techs.	29	30	1	3	4
Systems Analysts, Electronic Data Processing	61	69	8	1	9
Computer Programmers	37	44	7	1	8
Computer Programmer Aides	30	33	3	1	4
Operations & Systems Analysts, Exc. Computer	3	3	0	0	0
Statisticians	2	2	0	0	0
All Other Mathematical Scientists	2	2	0	0	0
Economists, Incl. Market Research Analysts	34	40	6	3	9
Urban & Regional Planners	63	74	11	3	14
Psychologists	30	33	3	2	5
All Other Social Scientists	29	30	1	1	2
Social Workers, Medical & Psychiatric	2	2	0	0	0
Social Workers, Exc. Medical & Psychiatric	189	222	33	32	65
Social Service Technicians	259	309	50	22	72
Recreation Workers	248	296	48	35	83
Clergy	3	3	0	0	0
Judges & Magistrates	78	92	14	21	35
Adjudicators, Hearing Officers, & Related	14	16	2	1	3
Lawyers	181	213	32	18	50
Law Clerks	20	23	3	2	5
Paralegal Personnel	12	13	1	0	1
All Other Legal Assistants/Techs., Exc. Clerical	98	111	13	21	34
Teachers & Instructors, Voc. Ed. & Training	113	122	9	21	30
Instructors, Nonvocational Education	3	3	0	0	0
All Other Teachers & Instructors	2	2	0	0	0
Librarians, Professional	92	108	16	20	36
Technical Assistants, Library	54	63	9	12	21
Curators, Archivists, & Museum Technicians	12	13	1	1	2
Vocational & Educational Counselors	29	34	5	4	9
Instructional Coordinators	10	11	1	0	1
Teacher Aides, Paraprofessional	76	79	3	5	8
Physicians & Surgeons	161	169	8	22	30
Dentists	3	3	0	0	0
Optometrists	1	1	0	0	0
Podiatrists	3	3	0	0	0
Veterinarians & Veterinary Inspectors	1	1	0	0	0
Therapists	44	51	7	6	13
Occupational Therapists	2	2	0	0	0
Physical Therapists	4	4	0	0	0
Corrective & Manual Arts Therapists	1	1	0	0	0
Speech Pathologists & Audiologists	4	4	0	0	0
Recreational Therapists	1	1	0	0	0
Registered Nurses	350	378	28	66	94
Licensed Practical Nurses	130	140	10	28	38
Emergency Medical Technicians	59	69	10	13	23
Physician Assistants	4	4	0	0	0
Pharmacists	25	26	1	5	6
Dietitians & Nutritionists	16	17	1	2	3
Medical & Clinical Laboratory Technologists	54	56	2	9	11
Medical Records Technicians & Technologists	17	18	1	4	5
Radiologic Technicians	25	26	1	4	5
All Other Health Professionals, Paraprofessionals, & Technicians	84	93	9	17	26
Writers & Editors	8	8	0	1	1
Public Rel. Specialists & Publicity Writers	6	6	0	0	0
Photographers	5	5	0	0	0
Artists & Related Workers	3	3	0	0	0
Airplane Dispatchers & Air Traffic Controllers	61	64	3	2	5
Traffic Technicians	38	45	7	3	10
Radio Operators	10	11	1	1	2
All Other Professional, Paraprofessional, & Technical Workers	339	368	29	28	57

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PIMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
SALES & RELATED OCCUPATIONS	194	219	25	31	56
First Line Supervisors & Managers - Sales	9	9	0	0	0
Appraisers, Real Estate	79	93	14	16	30
Salespersons, Retail	41	43	2	5	7
Cashiers	50	58	8	9	17
All Other Sales & Related Workers	15	16	1	1	2
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	5,188	5,820	632	813	1,445
First Line Supers.-Clerical & Admin. Support	316	359	43	41	84
Insurance Adjusters, Examiners, & Investigators	1	1	0	0	0
Insurance Claims Clerks	29	30	1	6	7
Welfare Eligibility Workers & Interviewers	134	160	26	24	50
Court Clerks	198	237	39	43	82
Municipal Clerks	14	16	2	1	3
License Clerks	49	58	9	10	19
Travel Clerks	2	2	0	0	0
Library Assistants & Bookmobile Drivers	50	59	9	5	14
Real Estate Clerks	2	2	0	0	0
Secretaries	586	670	84	135	219
Stenographers	66	77	11	13	24
Receptionists & Information Clerks	28	31	3	5	8
Typists	435	502	67	113	180
Typists, Word Processing Equipment	3	3	0	0	0
Personnel Clerks, Exc. Payroll & Timekeeping	54	58	4	13	17
Correspondence Clerks	2	2	0	0	0
File Clerks	25	29	4	6	10
Procurement Clerks	17	18	1	1	2
Statistical Clerks	1	1	0	0	0
Interviewing Clerks, Exc. Personnel & Welfare	61	64	3	9	12
Customer Service Representatives, Utilities	29	34	5	6	11
Bookkeeping, Accounting, & Auditing Clerks	284	331	47	55	102
Payroll & Timekeeping Clerks	16	17	1	2	3
General Office Clerks	527	628	101	115	216
Mail Machine Operators, Preparation & Handling	5	5	0	1	1
Computer Operators, Exc. Peripheral Equipment	21	23	2	2	4
Peripheral EDP Equipment Operators	8	9	1	1	2
Data Entry Keyers, Exc. Composing	92	107	15	6	21
All Other Office Machine Operators	10	11	1	2	3
Switchboard Operators	24	27	3	5	8
Telegraph & Teletype Operators	1	1	0	0	0
All Other Communication Equipment Operators	8	8	0	1	1
Mail Clerks, Exc. Mail Machine Operators & Postal Service	49	51	2	7	9
Postal Mail Carriers	703	735	32	61	93
Postal Service Clerks	366	382	16	44	60
Messengers	61	71	10	6	16
Dispatchers - Police, Fire, & Ambulance	111	132	21	12	33
Dispatchers - Exc. Police, Fire, & Ambulance	12	13	1	0	1
Production, Planning, & Expediting Clerks	36	38	2	7	9
Meter Readers, Utilities	25	29	4	1	5
Stock Clerks - Stockroom, Warehouse, or Yard	177	192	15	18	33
Traffic, Shipping, & Receiving Clerks	248	260	12	28	40
All Other Material Recording/Scheduling/Dist.	9	10	1	0	1
All Other Clerical & Administrative Support	293	327	34	8	42
SERVICE OCCUPATIONS	3,666	4,293	627	481	1,108
First Line Supers. & Mgrs./Supers. - Service	1	1	0	0	0
Fire Fighting & Prevention Supervisors	109	129	20	6	26
Police & Detective Supervisors	261	306	45	13	58
All Other Service Supervisors & Managers	192	224	32	38	70
Fire Inspectors	21	25	4	1	5
Fire Fighters	241	282	41	13	54
Police Detectives	112	130	18	5	23

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PIMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Police Patrol Officers	635	755	120	35	155
Correction Officers & Jailers	597	713	116	135	251
Bailiffs	53	63	10	4	14
U.S. Marshalls	8	8	0	1	1
Criminal Investigators, Federal	44	46	2	10	12
Sheriffs & Deputy Sheriffs	261	312	51	21	72
Game Wardens	19	22	3	1	4
Guards & Watch Guards	28	32	4	1	5
All Other Protective Service Workers	78	91	13	11	24
Bakers, Bread & Pastry	1	1	0	0	0
Butchers & Meat Cutters	18	19	1	1	2
Cooks, Institution or Cafeteria	46	51	5	6	11
Food Preparation Workers	7	7	0	0	0
Combined Food Preparation & Service Workers	61	64	3	11	14
All Other Food Service Workers	128	153	25	23	48
Dental Assistants	9	9	0	2	2
Medical Assistants	13	15	2	2	4
Nursing Aides, Orderlies, & Attendants	44	46	2	8	10
Home Health Aides	34	40	6	3	9
Psychiatric Aides	5	5	0	1	1
Physical & Corrective Therapy Assists./Aides	3	3	0	0	0
Pharmacy Assistants	15	16	1	3	4
All Other Health Service Workers	44	48	4	2	6
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	188	224	36	34	70
Janitors & Cleaners, Exc. Maids & Housekeeping	72	75	3	12	15
Pest Controllers & Assistants	1	1	0	0	0
Barbers	1	1	0	0	0
Amusement & Recreation Attendants	60	71	11	9	20
Child Care Workers	249	297	48	68	116
All Other Service Workers	7	8	1	1	2
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	230	267	37	37	74
First Line Supervisors - Agri., Forestry, & Rel.	5	5	0	0	0
Forest & Conservation Workers	35	38	3	1	4
Gardeners & Groundskeepers, Exc. Farm	165	195	30	32	62
Animal Caretakers, Exc. Farm	23	27	4	4	8
All Other Agri., Forestry, Fishing, & Related	2	2	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	2,962	3,325	363	237	600
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	147	161	14	19	33
First Line Managers/Supervisors - Construction Trades & Extraction Workers	25	27	2	1	3
First Line Mgrs./Supers. - Production & Opers.	10	10	0	0	0
First Line Mgrs./Supers. - Transport. Operatives	24	27	3	4	7
First Line Mgrs./Supers. - Laborers & Helpers	11	12	1	2	3
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	67	78	11	13	24
Precision Inspectors, Testers, & Graders	7	7	0	0	0
Production Inspectors, Testers, & Graders	9	9	0	1	1
Transportation Inspectors	4	4	0	0	0
Machinery Maintenance Mechanics, Water & Power Generation Plants	47	56	9	4	13
All Other Machinery Maintenance Mechanics	40	45	5	1	6
Machinery Maintenance Workers	26	29	3	2	5
Maintenance Repairers, General Utility	127	147	20	10	30
Automotive Mechanics	84	95	11	6	17
Bus & Truck Mechs., & Diesel Eng. Specialists	21	24	3	1	4
Mobile Heavy Equip. Mechanics, Exc. Engines	66	77	11	3	14
Rail Car Repairers	3	3	0	0	0
Aircraft Mechanics	144	150	6	8	14
Aircraft Engine Specialists	92	96	4	3	7
Electric Home Appliance & Power Tool Repairers	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PIMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Electric Motor, Transformer, & Rel. Repairers	3	3	0	0	0
Electronics Repairers, Commercial & Ind. Equip.	59	62	3	3	6
Electrical Powerline Installers & Repairers	2	2	0	0	0
Electrical Installers & Repairers, Transportation Equipment	11	12	1	0	1
All Other Electrical Mechs./Installers/Repairers	6	6	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	36	37	1	2	3
Precision Instrument Repairers	32	35	3	1	4
Mechanical Control & Valve Installers & Repairers	40	42	2	2	4
Riggers	2	2	0	0	0
All Other Mechanics, Installers, & Repairers	69	72	3	5	8
Carpenters	38	41	3	4	7
Electricians	62	72	10	5	15
Stone Masons	1	1	0	0	0
Concrete & Terrazzo Finishers	4	4	0	0	0
Plasterers & Stucco Masons	1	1	0	0	0
Painters & Paperhangers - Construction & Maintenance	55	60	5	5	10
Plumbers, Pipefitters, & Steamfitters	29	32	3	2	5
Paving, Surfacing, & Tamping Equip. Opers.	51	61	10	5	15
Highway Maintenance Workers	128	152	24	14	38
Rail-Track Laying & Maintenance Equip. Opers.	1	1	0	0	0
Roofers	4	4	0	0	0
All Other Construction & Extraction Workers, Exc. Helpers	32	38	6	2	8
Precision Production Occupations	1	1	0	0	0
Tool & Die Makers	1	1	0	0	0
Machinists	3	3	0	0	0
Sheet Metal Workers	17	18	1	1	2
Cabinetmakers & Bench Carpenters	1	1	0	0	0
All Precision Textile & Apparel Workers	6	6	0	1	1
Precision Detail Design Decorators & Painters	2	2	0	0	0
Precision Dental Laboratory Technicians	3	3	0	0	0
Machine Setters, Set-Up Operators, Operators, & Tenders	8	9	1	0	1
Nonelectrolytic Coating Machine Operators - Metal & Plastic	26	27	1	2	3
Printing Press Machine Operators & Tenders	4	4	0	0	0
Laundry/Drycleaning Mach. Opers., Exc. Pressing	1	1	0	0	0
Welders & Cutters	5	5	0	0	0
Assemblers/Fabricators - Exc. Machine, Electrical & Precision	27	28	1	3	4
All Other Hand Workers	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	74	88	14	4	18
Stationary Engineers	21	23	2	2	4
All Other Plant & System Operators	38	44	6	3	9
Truck Drivers, Light - Incl. Delivery & Route	11	13	2	0	2
All Other Motor Vehicle Operators	60	63	3	4	7
Locomotive Engineers	1	1	0	0	0
Aircraft Pilots & Flight Engineers	15	16	1	0	1
Service Station Attendants	31	36	5	3	8
All Other Transportation & Related Workers	30	32	2	2	4
Crane & Tower Operators	5	5	0	0	0
Industrial Truck & Tractor Operators	19	20	1	1	2
Operating Engineers	254	301	47	22	69
All Other Transportation & Moving Equip. Operators	1	1	0	0	0
All Other Material Moving Equipment Operators	110	130	20	8	28
Mechanic & Repairer Helpers	1	1	0	0	0
Refuse Collectors	173	207	34	10	44
Hand Packers & Packagers	10	10	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PIMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Vehicle Washers & Equipment Cleaners	5	5	0	0	0
All Other Helpers & Laborers	375	420	45	42	87
TOTAL OF ALL OCCUPATIONS	18,612	21,143	2,531	2,380	4,911

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PINAL COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	182	205	23	18	41
Financial Managers	10	11	1	1	2
Personnel, Training, & Labor Relations Mgrs.	4	4	0	0	0
Purchasing Managers	1	1	0	0	0
Administrative Services Managers	10	11	1	1	2
Engineering, Mathematical & Natural Sciences Managers	1	1	0	0	0
Postmasters & Mail Superintendents	18	19	1	4	5
Education Administrators	5	5	0	0	0
Medicine & Health Services Managers	15	17	2	0	2
Construction Managers	7	8	1	0	1
Transportation, Communications, & Utilities Operations Managers	3	3	0	0	0
Public Administration Executives, Legislators, & Administrators	51	60	9	6	15
General Managers & Top Executives	11	12	1	0	1
All Other Managers & Administrators	46	53	7	6	13
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	750	848	98	87	185
Accountants & Auditors	8	9	1	1	2
Budget Analysts	2	2	0	0	0
All Other Financial Specialists	2	2	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	10	10	0	0	0
Claims Takers, Unemployment Benefits	10	11	1	1	2
Employment Interviewers	3	3	0	0	0
Personnel, Training, & Labor Rel. Specialists	17	20	3	1	4
Construction & Building Inspectors	15	17	2	2	4
Compliance & Enforcement Inspectors, Exc. Const.	18	19	1	1	2
Assessors	15	17	2	4	6
All Other Management Support Workers	116	137	21	16	37
Civil Engineers, Incl. Traffic	8	8	0	0	0
All Other Engineers	1	1	0	0	0
Civil Engineering Technicians & Technologists	9	10	1	0	1
Electrical/Electronic Engineering Technicians	1	1	0	0	0
Drafters	11	13	2	0	2
Surveying & Mapping Techs.	4	4	0	0	0
All Other Engineering & Related Technicians	4	4	0	0	0
Foresters & Conservation Scientists	7	7	0	0	0
Agricultural & Food Scientists	8	8	0	1	1
Biological Scientists	1	1	0	0	0
Systems Analysts, Electronic Data Processing	7	8	1	0	1
Computer Programmers	2	2	0	0	0
Urban & Regional Planners	5	5	0	0	0
Psychologists	5	5	0	0	0
Social Workers, Medical & Psychiatric	2	2	0	0	0
Social Workers, Exc. Medical & Psychiatric	27	31	4	4	8
Social Service Technicians	84	99	15	7	22
Recreation Workers	16	18	2	1	3
Judges & Magistrates	36	42	6	10	16
Adjudicators, Hearing Officers, & Related	3	3	0	0	0
Lawyers	22	26	4	2	6
All Legal Assistants/Techs., Exc. Clerical	2	2	0	0	0
Teachers & Instructors, Voc. Ed. & Training	18	20	2	3	5
Librarians, Professional	12	13	1	2	3
Technical Assistants, Library	1	1	0	0	0
Vocational & Educational Counselors	5	5	0	0	0
Physicians & Surgeons	6	6	0	0	0
Therapists	10	11	1	1	2
Registered Nurses	63	71	8	11	19
Licensed Practical Nurses	37	42	5	7	12
Emergency Medical Technicians	21	25	4	4	8
Physician Assistants	1	1	0	0	0
Dietitians & Nutritionists	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PINAL COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Medical & Clinical Laboratory Technologists	2	2	0	0	0
Medical Records Technicians & Technologists	2	2	0	0	0
Radiologic Technicians	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	29	34	5	5	10
Traffic Technicians	1	1	0	0	0
Radio Operators	3	3	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	54	60	6	3	9
SALES & RELATED OCCUPATIONS	14	14	0	1	1
First Line Supervisors & Managers - Sales	1	1	0	0	0
Cashiers	13	13	0	1	1
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	781	881	100	113	213
First Line Supers.-Clerical & Admin. Support	19	21	2	2	4
Insurance Claims Clerks	6	6	0	1	1
Welfare Eligibility Workers & Interviewers	30	35	5	5	10
Court Clerks	30	35	5	6	11
Municipal Clerks	19	22	3	2	5
License Clerks	8	9	1	1	2
Library Assistants & Bookmobile Drivers	22	26	4	2	6
Real Estate Clerks	2	2	0	0	0
Secretaries	86	99	13	18	31
Stenographers	10	11	1	1	2
Receptionists & Information Clerks	21	24	3	3	6
Typists	96	111	15	24	39
Typists, Word Processing Equipment	4	4	0	0	0
Personnel Clerks, Exc. Payroll & Timekeeping	2	2	0	0	0
File Clerks	3	3	0	0	0
Procurement Clerks	2	2	0	0	0
Statistical Clerks	2	2	0	0	0
Interviewing Clerks, Exc. Personnel & Welfare	4	4	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	68	79	11	12	23
Payroll & Timekeeping Clerks	2	2	0	0	0
Billing, Cost & Rate Clerks	4	4	0	0	0
General Office Clerks	84	99	15	17	32
Computer Operators, Exc. Peripheral Equipment	5	5	0	0	0
Peripheral EDP Equipment Operators	1	1	0	0	0
Data Entry Keyers, Exc. Composing	6	7	1	0	1
All Other Office Machine Operators	2	2	0	0	0
Switchboard Operators	18	20	2	3	5
Mail Clerks, Exc. Mail Machine Operators & Postal Service	1	1	0	0	0
Postal Mail Carriers	44	46	2	3	5
Postal Service Clerks	13	13	0	1	1
Messengers	5	5	0	0	0
Dispatchers - Police, Fire, & Ambulance	57	68	11	6	17
Production, Planning, & Expediting Clerks	3	3	0	0	0
Meter Readers, Utilities	1	1	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	17	18	1	1	2
Traffic, Shipping, & Receiving Clerks	50	52	2	5	7
All Other Material Recording/Scheduling/Dist.	2	2	0	0	0
All Other Clerical & Administrative Support	32	35	3	0	3
SERVICE OCCUPATIONS	1,894	2,238	344	367	711
Police & Detective Supervisors	61	72	11	2	13
All Other Service Supervisors & Managers	151	178	27	29	56
Forest Fire Inspectors & Prev. Specialists	1	1	0	0	0
Fire Fighters	62	73	11	3	14
Police Detectives	23	27	4	0	4
Police Patrol Officers	105	124	19	5	24
Correction Officers & Jailers	829	988	159	188	347

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PINAL COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Bailiffs	3	3	0	0	0
Criminal Investigators, Federal	1	1	0	0	0
Sheriffs & Deputy Sheriffs	67	79	12	5	17
Game Wardens	5	5	0	0	0
Guards & Watch Guards	3	3	0	0	0
All Other Protective Service Workers	9	9	0	1	1
Cooks, Institution or Cafeteria	26	29	3	3	6
Dental Assistants	3	3	0	0	0
Medical Assistants	19	22	3	4	7
Nursing Aides, Orderlies, & Attendants	74	87	13	16	29
Home Health Aides	2	2	0	0	0
All Other Health Service Workers	6	6	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	65	76	11	11	22
Janitors & Cleaners, Exc. Maids & Housekeeping	5	5	0	0	0
Amusement & Recreation Attendants	7	8	1	0	1
Child Care Workers	361	430	69	99	168
All Other Service Workers	6	7	1	1	2
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	64	72	8	10	18
First Line Supervisors - Agri., Forestry, & Rel.	1	1	0	0	0
Forest & Conservation Workers	1	1	0	0	0
Gardeners & Groundskeepers, Exc. Farm	42	49	7	7	14
Animal Caretakers, Exc. Farm	10	11	1	2	3
All Other Agri., Forestry, Fishing, & Related	10	10	0	1	1
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	397	442	45	21	66
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	19	21	2	1	3
First Line Managers/Supervisors - Construction Trades & Extraction Workers	25	29	4	2	6
First Line Mgrs./Supers. - Transport. Operatives	3	3	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	2	2	0	0	0
Machinery Maintenance Mechanics, Water & Power Generation Plants	2	2	0	0	0
All Other Machinery Maintenance Mechanics	2	2	0	0	0
Machinery Maintenance Workers	2	2	0	0	0
Maintenance Repairers, General Utility	39	43	4	1	5
Automotive Mechanics	4	4	0	0	0
Bus & Truck Mechs., & Diesel Eng. Specialists	2	2	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	26	28	2	0	2
Powerhouse, Substation, & Relay Electricians	2	2	0	0	0
All Other Electrical Mechs./Installers/Repairers	9	9	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	4	4	0	0	0
All Other Mechanics, Installers, & Repairers	1	1	0	0	0
Carpenters	2	2	0	0	0
Electricians	6	6	0	0	0
Painters & Paperhangers - Construction & Maintenance	2	2	0	0	0
Plumbers, Pipefitters, & Steamfitters	5	5	0	0	0
Highway Maintenance Workers	112	133	21	12	33
Precision Production Occupations	1	1	0	0	0
Machinists	1	1	0	0	0
Hand Working, Inc. Assemblers & Fabricators	3	3	0	0	0
Water & Liquid Waste Treatment System Opers.	11	13	2	0	2
Power Distributors & Dispatchers	6	6	0	0	0
All Other Plant & System Operators	8	9	1	0	1
All Motor Vehicle Operators	6	6	0	0	0
Bridge, Lock, & Lighthouse Tenders	1	1	0	0	0
Service Station Attendants	2	2	0	0	0
Crane & Tower Operators	1	1	0	0	0
Industrial Truck & Tractor Operators	4	4	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

PINAL COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1990 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1990	JOB OPENINGS DUE TO SEPARATIONS 1985-1990	TOTAL JOB OPENINGS 1985-1990
Operating Engineers	29	32	3	3	6
Refuse Collectors	15	17	2	5	7
All Other Helpers & Laborers	40	40	0	0	0
TOTAL OF ALL OCCUPATIONS	4,082	4,700	618	417	1,035

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

SANTA CRUZ COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	33	34	1	1	2
Financial Managers	2	2	0	0	0
Administrative Services Managers	1	1	0	0	0
Engineering, Mathematical & Natural Sciences Managers	1	1	0	0	0
Postmasters & Mail Superintendents	6	6	0	1	1
Construction Managers	2	2	0	0	0
Public Administration Executives, Legislators, & Administrators	3	3	0	0	0
General Managers & Top Executives	9	10	1	0	1
All Other Managers & Administrators	9	9	0	0	0
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	186	193	7	16	23
Loan Officers & Counselors	1	1	0	0	0
Accountants & Auditors	1	1	0	0	0
Claims Takers, Unemployment Benefits	2	2	0	0	0
Employment Interviewers	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	1	1	0	0	0
Compliance & Enforcement Inspectors, Exc. Const.	100	104	4	13	17
Tax Examiners, Collectors, & Revenue Agents	2	2	0	0	0
Assessors	1	1	0	0	0
All Other Management Support Workers	4	4	0	0	0
All Engineers	1	1	0	0	0
Civil Engineering Technicians & Technologists	3	3	0	0	0
Electrical/Electronic Engineering Technicians	1	1	0	0	0
Surveying & Mapping Techs.	4	4	0	0	0
All Other Engineering & Related Technicians	1	1	0	0	0
Physicists & Astronomers	1	1	0	0	0
Foresters & Conservation Scientists	3	3	0	0	0
Biological Scientists	13	13	0	1	1
All Other Physical & Life Science Techs.	1	1	0	0	0
Economists, Incl. Market Research Analysts	1	1	0	0	0
Social Service Technicians	6	7	1	0	1
Recreation Workers	8	9	1	1	2
Paralegal Personnel	2	2	0	0	0
All Other Legal Assistants/Techs., Exc. Clerical	1	1	0	0	0
Librarians, Professional	2	2	0	0	0
Physicians & Surgeons	1	1	0	0	0
Veterinarians & Veterinary Inspectors	1	1	0	0	0
Registered Nurses	1	1	0	0	0
Emergency Medical Technicians	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
Public Rel. Specialists & Publicity Writers	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	18	19	1	1	2
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	148	156	8	14	22
First Line Supers.-Clerical & Admin. Support	4	4	0	0	0
Insurance Claims Clerks	2	2	0	0	0
Welfare Eligibility Workers & Interviewers	10	10	0	0	0
Court Clerks	4	4	0	0	0
Municipal Clerks	8	9	1	1	2
License Clerks	9	10	1	1	2
Secretaries	13	14	1	2	3
Stenographers	1	1	0	0	0
Receptionists & Information Clerks	6	6	0	1	1
Typists	13	13	0	3	3
Bookkeeping, Accounting, & Auditing Clerks	10	11	1	2	3
Payroll & Timekeeping Clerks	1	1	0	0	0
General Office Clerks	15	17	2	2	4
Postal Mail Carriers	12	12	0	1	1
Postal Service Clerks	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

SANTA CRUZ COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Dispatchers - Police, Fire, & Ambulance	8	9	1	0	1
Traffic, Shipping, & Receiving Clerks	12	12	0	1	1
All Other Clerical & Administrative Support	17	18	1	0	1
SERVICE OCCUPATIONS	212	234	22	11	33
Police & Detective Supervisors	16	16	0	0	0
All Other Service Supervisors & Managers	1	1	0	0	0
Fire Fighters	71	84	13	4	17
Police Detectives	14	14	0	0	0
Police Patrol Officers	48	50	2	2	4
Correction Officers & Jailers	13	15	2	2	4
Criminal Investigators, Federal	6	6	0	1	1
Sheriffs & Deputy Sheriffs	25	29	4	2	6
Game Wardens	4	4	0	0	0
All Other Protective Service Workers	2	2	0	0	0
Home Health Aides	8	9	1	0	1
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	2	2	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	1	1	0	0	0
Social Welfare Service Aides	1	1	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	47	53	6	6	12
First Line Supervisors - Agri., Forestry, & Rel.	1	1	0	0	0
Forest & Conservation Workers	10	10	0	0	0
Gardeners & Groundskeepers, Exc. Farm	36	42	6	6	12
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	185	213	28	17	45
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	1	1	0	0	0
First Line Managers/Supervisors - Construction Trades & Extraction Workers	13	15	2	1	3
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	6	7	1	1	2
Maintenance Repairers, General Utility	11	11	0	0	0
Automotive Mechanics	2	2	0	0	0
All Other Mechanics, Installers, & Repairers	1	1	0	0	0
Electricians	2	2	0	0	0
Plumbers, Pipefitters, & Steamfitters	1	1	0	0	0
Highway Maintenance Workers	76	89	13	8	21
All Motor Vehicle Operators	1	1	0	0	0
Operating Engineers	5	5	0	0	0
All Helpers & Laborers	66	78	12	7	19
TOTAL OF ALL OCCUPATIONS	811	883	72	65	137

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YAVAPAI COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	167	186	19	16	35
Financial Managers	8	9	1	0	1
Personnel, Training, & Labor Relations Mgrs.	3	3	0	0	0
Administrative Services Managers	5	5	0	0	0
Engineering, Mathematical & Natural Sciences Managers	6	6	0	0	0
Postmasters & Mail Superintendents	21	22	1	5	6
Education Administrators	3	3	0	0	0
Medicine & Health Services Managers	20	21	1	2	3
Property & Real Estate Managers & Admin.	1	1	0	0	0
Transportation, Communications, & Utilities Operations Managers	4	4	0	0	0
Public Administration Executives, Legislators, & Administrators	22	26	4	2	6
General Managers & Top Executives	28	33	5	2	7
All Other Managers & Administrators	46	53	7	5	12
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	610	655	45	62	107
Accountants & Auditors	9	10	1	1	2
Budget Analysts	1	1	0	0	0
All Other Financial Specialists					
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
Claims Takers, Unemployment Benefits	7	7	0	0	0
Employment Interviewers	8	9	1	1	2
Personnel, Training, & Labor Rel. Specialists	2	2	0	0	0
Management Analysts	10	10	0	0	0
Construction & Building Inspectors	1	1	0	0	0
Compliance & Enforcement Inspectors, Exc. Const.	17	20	3	2	5
Tax Examiners, Collectors, & Revenue Agents	14	15	1	1	2
Assessors	4	4	0	0	0
All Other Management Support Workers	2	2	0	0	0
Civil Engineers, Incl. Traffic	25	28	3	3	6
Agricultural Engineers	19	21	2	1	3
Safety Engineers, Exc. Mining	1	1	0	0	0
All Other Engineers	1	1	0	0	0
Surveying & Mapping Scientists	1	1	0	0	0
Civil Engineering Technicians & Technologists	11	12	1	0	1
Electrical/Electronic Engineering Technicians	14	16	2	1	3
Drafters	3	3	0	0	0
Surveying & Mapping Techs.	2	2	0	0	0
All Other Engineering & Related Technicians	20	22	2	0	2
Chemists, Exc. Biochemists	3	3	0	0	0
Geologists, Geophysicists, & Oceanographers	1	1	0	0	0
Foresters & Conservation Scientists	1	1	0	0	0
Agricultural & Food Scientists	18	19	1	1	2
Biological Scientists	5	5	0	0	0
Physical & Life Science Technicians & Technologists	3	3	0	0	0
Biological, Agri., & Food Techs., Exc. Health	10	11	1	1	2
Systems Analysts, Electronic Data Processing	2	2	0	0	0
Computer Programmers	4	4	0	0	0
Computer Programmer Aides	3	3	0	0	0
Urban & Regional Planners	3	3	0	0	0
Psychologists	3	3	0	0	0
Social Workers, Exc. Medical & Psychiatric	2	2	0	0	0
Social Service Technicians	5	5	0	0	0
Recreation Workers	12	14	2	1	3
Clergy	5	5	0	0	0
Judges & Magistrates	1	1	0	0	0
Adjudicators, Hearing Officers, & Related	12	14	2	3	5
Lawyers	2	2	0	0	0
Law Clerks	11	13	2	1	3
All Other Legal Assistants/Techs., Exc. Clerical	6	7	1	0	1
	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YAVAPAI COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Teachers & Instructors, Voc. Ed. & Training	2	2	0	0	0
Librarians, Professional	6	6	0	1	1
Technical Assistants, Library	3	3	0	0	0
Vocational & Educational Counselors	2	2	0	0	0
Instructional Coordinators	1	1	0	0	0
Physicians & Surgeons	15	16	1	2	3
Dentists	2	2	0	0	0
Occupational Therapists	1	1	0	0	0
Physical Therapists	3	3	0	0	0
Corrective & Manual Arts Therapists	1	1	0	0	0
Recreational Therapists	1	1	0	0	0
Registered Nurses	111	118	7	20	27
Licensed Practical Nurses	51	56	5	11	16
Emergency Medical Technicians	6	7	1	1	2
Pharmacists	7	7	0	1	1
Dietitians & Nutritionists	6	6	0	0	0
Medical & Clinical Laboratory Technologists	10	10	0	1	1
Medical Records Technicians & Technologists	4	4	0	1	1
Radiologic Technicians	5	5	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	23	25	2	4	6
Airplane Dispatchers & Air Traffic Controllers	11	11	0	0	0
Traffic Technicians	2	2	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	49	53	4	3	7
SALES & RELATED OCCUPATIONS	22	24	2	3	5
First Line Supervisors & Managers - Sales	2	2	0	0	0
Appraisers, Real Estate	11	13	2	2	4
Salespersons, Retail	2	2	0	0	0
Cashiers	6	6	0	1	1
All Other Sales & Related Workers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	556	610	54	76	130
First Line Supers.-Clerical & Admin. Support	22	24	2	1	3
Insurance Claims Clerks	6	6	0	1	1
Welfare Eligibility Workers & Interviewers	12	14	2	2	4
Court Clerks	18	21	3	3	6
Municipal Clerks	3	3	0	0	0
License Clerks	3	3	0	0	0
Library Assistants & Bookmobile Drivers	4	4	0	0	0
Secretaries	77	87	10	17	27
Stenographers	4	4	0	0	0
Receptionists & Information Clerks	17	18	1	3	4
Typists	69	79	10	17	27
Typists, Word Processing Equipment	1	1	0	0	0
Personnel Clerks, Exc. Payroll & Timekeeping	4	4	0	0	0
Interviewing Clerks, Exc. Personnel & Welfare	14	14	0	2	2
Bookkeeping, Accounting, & Auditing Clerks	32	36	4	4	8
Payroll & Timekeeping Clerks	5	5	0	0	0
General Office Clerks	44	51	7	8	15
Computer Operators, Exc. Peripheral Equipment	1	1	0	0	0
Data Entry Keyers, Exc. Composing	5	5	0	0	0
All Other Office Machine Operators	2	2	0	0	0
Switchboard Operators	4	4	0	0	0
Telegraph & Teletype Operators	1	1	0	0	0
Mail Clerks, Exc. Mail Machine Operators & Postal Service	6	6	0	1	1
Postal Mail Carriers	35	37	2	3	5
Postal Service Clerks	8	8	0	1	1
Dispatchers - Police, Fire, & Ambulance	37	44	7	4	11
Production, Planning, & Expediting Clerks	25	26	1	5	6
Meter Readers, Utilities	4	4	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YAVAPAI COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Stock Clerks - Stockroom, Warehouse, or Yard	9	9	0	0	0
Traffic, Shipping, & Receiving Clerks	42	44	2	4	6
All Other Clerical & Administrative Support	42	45	3	0	3
SERVICE OCCUPATIONS	780	900	120	84	204
Fire Fighting & Prevention Supervisors	61	72	11	3	14
Police & Detective Supervisors	42	49	7	1	8
All Other Service Supervisors & Managers	16	17	1	2	3
Fire Inspectors	13	15	2	0	2
Fire Fighters	22	26	4	1	5
Police Detectives	6	7	1	0	1
Police Patrol Officers	100	118	18	4	22
Correction Officers & Jailers	33	39	6	7	13
Parking Enforcement Officers	1	1	0	0	0
Bailiffs	1	1	0	0	0
Sheriffs & Deputy Sheriffs	43	51	8	3	11
Game Wardens	6	7	1	0	1
Guards & Watch Guards	2	2	0	0	0
All Other Protective Service Workers	6	6	0	0	0
Cooks, Institution or Cafeteria	13	13	0	0	0
Food Preparation Workers	21	25	4	3	7
Combined Food Preparation & Service Workers	49	51	2	8	10
Dental Assistants	2	2	0	0	0
Nursing Aides, Orderlies, & Attendants	61	70	9	12	21
Home Health Aides	1	1	0	0	0
Pharmacy Assistants	4	4	0	0	0
All Other Health Service Workers	5	5	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	20	22	2	2	4
Janitors & Cleaners, Exc. Maids & Housekeeping	24	25	1	4	5
Barbers	1	1	0	0	0
Amusement & Recreation Attendants	227	270	43	34	77
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	96	102	6	7	13
First Line Supervisors - Agri., Forestry, & Rel.	14	14	0	1	1
Forest & Conservation Workers	44	46	2	3	5
Gardeners & Groundskeepers, Exc. Farm	18	20	2	2	4
Animal Caretakers, Exc. Farm	9	10	1	1	2
All Other Agri., Forestry, Fishing, & Related	11	12	1	0	1
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	364	407	43	21	64
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	16	17	1	1	2
First Line Managers/Supervisors - Construction Trades & Extraction Workers	10	11	1	0	1
First Line Mgrs./Supers. - Transport. Operatives	1	1	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	6	7	1	1	2
All Machinery Maintenance Mechanics	9	10	1	0	1
Machinery Maintenance Workers	1	1	0	0	0
Maintenance Repairers, General Utility	40	45	5	2	7
Automotive Mechanics	5	5	0	0	0
Bus & Truck Mechs., & Diesel Eng. Specialists	3	3	0	0	0
Mobile Heavy Equip. Mechanics, Exc. Engines	12	14	2	0	2
Precision Instrument Repairers	4	4	0	0	0
Electromedical & Biomedical Equip. Repairers	3	3	0	0	0
Mechanical Control & Valve Installers & Repairers	4	4	0	0	0
All Other Mechanics, Installers, & Repairers	4	4	0	0	0
Carpenters	4	4	0	0	0
Electricians	4	4	0	0	0
Stone Masons	1	1	0	0	0
Painters & Paperhangers - Construction & Maintenance	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YAVAPAI COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Plumbers, Pipefitters, & Steamfitters	2	2	0	0	0
Paving, Surfacing, & Tamping Equip. Opers.	75	89	14	8	22
Highway Maintenance Workers	53	62	9	5	14
Insulation Workers	1	1	0	0	0
All Other Construction & Extraction Workers, Exc. Helpers	2	2	0	0	0
Precision Dental Laboratory Technicians	1	1	0	0	0
Sewing Machine Operators, Garment	1	1	0	0	0
Laundry/Drycleaning Mach. Opers., Exc. Pressing	1	1	0	0	0
Water & Liquid Waste Treatment System Opers.	6	7	1	0	1
Stationary Engineers	5	5	0	0	0
All Other Plant & System Operators	1	1	0	0	0
Truck Drivers, Heavy or Tractor Trailer	3	3	0	0	0
Bus Drivers	4	4	0	0	0
All Other Motor Vehicle Operators	4	4	0	0	0
All Other Transportation & Related Workers	11	13	2	1	3
Industrial Truck & Tractor Operators	1	1	0	0	0
Operating Engineers	21	23	2	0	2
Refuse Collectors	6	7	1	0	1
All Other Helpers & Laborers	36	39	3	3	6
TOTAL OF ALL OCCUPATIONS	2,595	2,884	289	269	558

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YUMA COUNTY

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	118	129	11	9	20
Financial Managers	9	9	0	0	0
Personnel, Training, & Labor Relations Mgrs.	2	2	0	0	0
Purchasing Managers	1	1	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	2	2	0	0	0
Administrative Services Managers	11	12	1	0	1
Engineering, Mathematical & Natural Sciences Managers	7	7	0	1	1
Postmasters & Mail Superintendents	15	16	1	3	4
Education Administrators	1	1	0	0	0
Medicine & Health Services Managers	2	2	0	0	0
Property & Real Estate Managers & Admin.	2	2	0	0	0
Construction Managers	3	3	0	0	0
Transportation, Communications, & Utilities Operations Managers	7	8	1	0	1
Public Administration Executives, Legislators, & Administrators	8	9	1	0	1
General Managers & Top Executives	29	34	5	3	8
All Other Managers & Administrators	19	21	2	2	4
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,106	1,172	66	84	150
Loan Officers & Counselors	1	1	0	0	0
Accountants & Auditors	28	29	1	3	4
Budget Analysts	15	15	0	1	1
All Other Financial Specialists	18	21	3	1	4
Purchasing Agents, Exc. Wholesale, Retail, & Farm	26	27	1	3	4
Claims Takers, Unemployment Benefits	20	23	3	2	5
Employment Interviewers	9	10	1	1	2
Personnel, Training, & Labor Rel. Specialists	22	23	1	1	2
Management Analysts	11	11	0	1	1
Construction & Building Inspectors	22	24	2	2	4
Compliance & Enforcement Inspectors, Exc. Const.	83	94	11	9	20
Tax Examiners, Collectors, & Revenue Agents	4	4	0	0	0
Assessors	2	2	0	0	0
All Other Management Support Workers	50	57	7	6	13
Aeronautical and Astronautical Engineers	2	2	0	0	0
Chemical Engineers	1	1	0	0	0
Civil Engineers, Incl. Traffic	25	27	2	2	4
Agricultural Engineers	1	1	0	0	0
Electrical & Electronic Engineers	18	19	1	1	2
Safety Engineers, Exc. Mining	5	5	0	0	0
Mechanical Engineers	23	24	1	1	2
All Other Engineers	35	37	2	2	4
Architects, Exc. Landscape & Marine	1	1	0	0	0
Surveying & Mapping Scientists	2	2	0	0	0
Civil Engineering Technicians & Technologists	20	23	3	2	5
Electrical/Electronic Engineering Technicians	60	62	2	3	5
Industrial Engineering Techs.	1	1	0	0	0
Drafters	6	6	0	0	0
Surveying & Mapping Techs.	35	38	3	1	4
All Other Engineering & Related Technicians	114	119	5	12	17
Chemists, Exc. Biochemists	3	3	0	0	0
Atmospheric & Space Scientists	1	1	0	0	0
Geologists, Geophysicists, & Oceanographers	3	3	0	0	0
All Other Physical Scientists	2	2	0	0	0
Foresters & Conservation Scientists	14	14	0	0	0
Agricultural & Food Scientists	6	6	0	0	0
Biological Scientists	12	12	0	1	1
Medical Scientists	1	1	0	0	0
All Other Life Scientists					
Physical & Life Science Technicians & Technologists	3	3	0	0	0
Biological, Agri., & Food Techs., Exc. Health	5	5	0	0	0
	4	4	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YUMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
All Other Physical & Life Science Techs.	29	30	1	3	4
Systems Analysts, Electronic Data Processing	24	25	1	0	1
Computer Programmers	1	1	0	0	0
Computer Programmer Aides	10	10	0	0	0
Operations & Systems Analysts, Exc. Computer	1	1	0	0	0
All Mathematical Scientists	12	12	0	0	0
Mathematical Technicians	10	10	0	0	0
Economists, Incl. Market Research Analysts	1	1	0	0	0
Urban & Regional Planners	5	5	0	0	0
Psychologists	1	1	0	0	0
All Other Social Scientists	3	3	0	0	0
Social Workers, Medical & Psychiatric	1	1	0	0	0
Social Workers, Exc. Medical & Psychiatric	2	2	0	0	0
Social Service Technicians	20	23	3	1	4
Recreation Workers	34	36	2	4	6
Judges & Magistrates	10	11	1	2	3
Lawyers	9	10	1	1	2
Paralegal Personnel	4	4	0	0	0
All Other Legal Assistants/Techs., Exc. Clerical	12	12	0	2	2
Teachers & Instructors, Voc. Ed. & Training	5	5	0	1	1
Farm & Home Management Advisors	1	1	0	0	0
Librarians, Professional	9	9	0	1	1
Technical Assistants, Library	1	1	0	0	0
Vocational & Educational Counselors	3	3	0	0	0
Teacher Aides, Paraprofessional	2	2	0	0	0
Physicians & Surgeons	3	3	0	0	0
Registered Nurses	21	22	1	3	4
Licensed Practical Nurses	4	4	0	0	0
Physician Assistants	1	1	0	0	0
Dietitians & Nutritionists	3	3	0	0	0
Medical & Clinical Laboratory Technologists	2	2	0	0	0
Tire Building Machine Operators	4	4	0	1	1
Radiologic Technicians	1	1	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	9	10	1	1	2
Writers & Editors	3	3	0	0	0
Photographers	10	10	0	1	1
Airplane Dispatchers & Air Traffic Controllers	7	7	0	0	0
Traffic Technicians	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	113	119	6	8	14
SALES & RELATED OCCUPATIONS	27	29	2	2	4
First Line Supervisors & Managers - Sales	1	1	0	0	0
Appraisers, Real Estate	11	12	1	1	2
Salespersons, Retail	5	5	0	0	0
Cashiers	9	10	1	1	2
All Other Sales & Related Workers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	969	1,045	76	138	214
First Line Supers.-Clerical & Admin. Support	37	40	3	4	7
Insurance Claims Clerks	5	5	0	1	1
Welfare Eligibility Workers & Interviewers	31	36	5	5	10
Court Clerks	4	4	0	0	0
Municipal Clerks	4	4	0	0	0
License Clerks	37	44	7	8	15
Travel Clerks	1	1	0	0	0
Real Estate Clerks	11	11	0	2	2
Secretaries	145	158	13	32	45
Stenographers	5	5	0	0	0
Receptionists & Information Clerks	2	2	0	0	0
Typists	102	111	9	25	34
Personnel Clerks, Exc. Payroll & Timekeeping	11	11	0	3	3

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YUMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Order Clerks - Materials, Merch., & Service	1	1	0	0	0
Procurement Clerks	9	9	0	1	1
Interviewing Clerks, Exc. Personnel & Welfare	4	4	0	0	0
Customer Service Representatives, Utilities	5	5	0	1	1
Bookkeeping, Accounting, & Auditing Clerks	80	86	6	15	21
Payroll & Timekeeping Clerks	10	10	0	1	1
Billing, Cost & Rate Clerks	3	3	0	0	0
General Office Clerks	48	56	8	9	17
Computer Operators, Exc. Peripheral Equipment	7	8	1	0	1
Data Entry Keyers, Exc. Composing	5	5	0	0	0
All Other Office Machine Operators	1	1	0	0	0
Switchboard Operators	7	7	0	1	1
All Other Communication Equipment Operators	8	8	0	1	1
Mail Clerks, Exc. Mail Machine Operators & Postal Service	12	12	0	2	2
Postal Mail Carriers	67	70	3	5	8
Postal Service Clerks	14	14	0	1	1
Dispatchers - Police, Fire, & Ambulance	31	36	5	3	8
Dispatchers - Exc. Police, Fire, & Ambulance	9	10	1	0	1
Production, Planning, & Expediting Clerks	15	16	1	3	4
Meter Readers, Utilities	4	4	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	71	74	3	7	10
Traffic, Shipping, & Receiving Clerks	56	58	2	6	8
All Other Material Recording/Scheduling/Dist.	5	5	0	0	0
All Other Clerical & Administrative Support	102	111	9	2	11
SERVICE OCCUPATIONS	712	791	79	51	130
Fire Fighting & Prevention Supervisors	23	25	2	0	2
Police & Detective Supervisors	59	66	7	2	9
All Other Service Supervisors & Managers	15	16	1	3	4
Fire Inspectors	2	2	0	0	0
Fire Fighters	85	95	10	4	14
Police Detectives	19	20	1	0	1
Police Patrol Officers	254	282	28	12	40
Correction Officers & Jailers	55	65	10	12	22
Bailiffs	3	3	0	0	0
U.S. Marshalls	1	1	0	0	0
Criminal Investigators, Federal	14	14	0	3	3
Sheriffs & Deputy Sheriffs	27	32	5	2	7
Game Wardens	21	24	3	1	4
Guards & Watch Guards	35	37	2	2	4
All Other Protective Service Workers	13	14	1	1	2
Butchers & Meat Cutters	4	4	0	0	0
Cooks, Institution or Cafeteria	2	2	0	0	0
Dental Assistants	1	1	0	0	0
Nursing Aides, Orderlies, & Attendants	8	8	0	1	1
Home Health Aides	7	8	1	0	1
All Other Health Service Workers	2	2	0	0	0
Cleaning & Bldg. Svc. Occupations, Exc. Private Households	20	23	3	3	6
Janitors & Cleaners, Exc. Maids & Housekeeping	4	4	0	0	0
Pest Controllers & Assistants	2	2	0	0	0
Amusement & Recreation Attendants	16	19	3	2	5
Social Welfare Service Aides	11	12	1	1	2
Child Care Workers	9	10	1	2	3
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	87	98	11	12	23
First Line Supervisors - Agri., Forestry, & Rel.	2	2	0	0	0
Forest & Conservation Workers	5	5	0	0	0
Gardeners & Groundskeepers, Exc. Farm	53	63	10	10	20
Animal Caretakers, Exc. Farm	2	2	0	0	0
All Other Agri., Forestry, Fishing, & Related	25	26	1	2	3

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YUMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	841	902	61	50	111
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	43	48	5	6	11
First Line Managers/Supervisors - Construction Trades & Extraction Workers	14	15	1	0	1
First Line Mgrs./Supers. - Production & Opers.	4	4	0	0	0
First Line Mgrs./Supers. - Transport. Operatives	13	13	0	2	2
First Line Mgrs./Supers. - Laborers & Helpers	3	3	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	5	5	0	0	0
Precision Inspectors, Testers, & Graders	30	32	2	3	5
Production Inspectors, Testers, & Graders	6	6	0	0	0
All Other Inspectors, Testers, & Related	1	1	0	0	0
Machinery Maintenance Mechanics, Water & Power Generation Plants	14	16	2	1	3
All Other Machinery Maintenance Mechanics	12	12	0	0	0
Electrical Installers & Repairers, Transportation Equipment	2	2	0	0	0
Maintenance Repairers, General Utility	67	72	5	5	10
Automotive Mechanics	37	39	2	2	4
Bus & Truck Mechs., & Diesel Eng. Specialists	11	12	1	0	1
Mobile Heavy Equip. Mechanics, Exc. Engines	34	36	2	1	3
Central Office & PBX Installers & Repairers	1	1	0	0	0
Electric Motor, Transformer, & Rel. Repairers	1	1	0	0	0
Electronics Repairers, Commercial & Ind. Equip.	32	34	2	1	3
Powerhouse, Substation, & Relay Electricians	1	1	0	0	0
Electrical Powerline Installers & Repairers	7	7	0	0	0
All Other Electrical Mechs./Installers/Repairers	4	4	0	0	0
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	11	11	0	1	1
Precision Instrument Repairers	7	7	0	0	0
Electric Meter Installers & Repairers	4	4	0	0	0
Locksmiths & Safe Repairers	2	2	0	0	0
Mechanical Control & Valve Installers & Repairers	13	14	1	0	1
All Other Mechanics, Installers, & Repairers	34	37	3	2	5
Carpenters	16	17	1	1	2
Electricians	11	11	0	1	1
Painters & Paperhangers - Construction & Maintenance	4	4	0	0	0
Plumbers, Pipefitters, & Steamfitters	9	9	0	0	0
Paving, Surfacing, & Tamping Equip. Opers.	2	2	0	0	0
Highway Maintenance Workers	44	51	7	4	11
All Extraction Workers, Exc. Helpers	3	3	0	0	0
All Other Construction & Extraction Workers, Exc. Helpers	11	12	1	0	1
Precision Production Occupations	1	1	0	0	0
Machinists	6	6	0	0	0
Sheet Metal Workers	1	1	0	0	0
All Precision Textile & Apparel Workers	2	2	0	0	0
Precision Detail Design Decorators & Painters	1	1	0	0	0
Photoengraving & Lithographing Photographers	1	1	0	0	0
Printing Press Machine Operators & Tenders	1	1	0	0	0
Chemical Equipment Controllers & Operators	2	2	0	0	0
Hand Working, Inc. Assemblers & Fabricators	4	4	0	0	0
Welders & Cutters	7	7	0	0	0
Assemblers/Fabricators - Exc. Machine, Electrical & Precision	2	2	0	0	0
All Other Hand Workers	14	14	0	1	1
Water & Liquid Waste Treatment System Opers.	23	27	4	1	5
All Other Plant & System Operators	6	6	0	0	0
Truck Drivers, Heavy or Tractor Trailer	14	16	2	1	3
All Other Motor Vehicle Operators	48	50	2	3	5

ESTIMATED EMPLOYMENT AND JOB OPENINGS

GOVERNMENT

YUMA COUNTY (CONTD.)

	ESTIMATED MAY 1985 EMPLOYMENT	PROJECTED MAY 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Aircraft Pilots & Flight Engineers	3	3	0	0	0
Bridge, Lock, & Lighthouse Tenders	2	2	0	1	1
Service Station Attendants	6	6	0	0	0
Crane & Tower Operators	4	4	0	0	0
Industrial Truck & Tractor Operators	13	15	2	0	2
Operating Engineers	62	69	7	5	12
All Other Transportation & Moving Equip. Operators	10	10	0	0	0
Refuse Collectors	15	17	2	0	2
All Freight & Material Movers, Hand	1	1	0	0	0
Hand Packers & Packagers	3	3	0	0	0
All Other Helpers & Laborers	76	83	7	8	15
TOTAL OF ALL OCCUPATIONS	3,860	4,166	306	346	652

METHODOLOGY

Sample Selection and Response Rates

Standardized sampling techniques were utilized to obtain occupational employment data for local governments. A usable response rate of 94.9 percent was obtained accounting for 98.3 percent of total employment. It was unnecessary to draw a sample of civilian federal installations as the universe of employment was reported by the U.S. Civil Service Commission. The universe of state occupational employment was reported by the Department of Administration. Excluded from survey data are state and local government employment at educational facilities and hospitals.

Employment Projections

Projecting occupational employment and demand is accomplished in two basic stages. First, government employment estimates are developed for the target years 1985 and 1989. These forecasts are computed using an econometric model driven by forecast values for variables such as national unemployment, interest rates, and industrial production. Staffing pattern ratios, as determined by the OES survey and other resourses, are then applied to the industry employment projections and represents the second stage of the forecasting methodology.

Job Openings

"Total Job Openings" represents the sum of openings resulting from expansion and replacement during the projection period. Expansion is the numerical difference in employment for a given period. Replacement represents job openings that transpire due to separations from the labor force, i.e., death, retirement, and pregnancy. The "Total Job Openings" column does not account for labor turnover, i.e., openings created when a worker changes jobs, leaving the job to be filled by someone else. These vacancies are generally the largest source of job openings.

Limitations of the Data

The projection method does not account for cyclical, seasonal, and such external factors as sudden discontinuations or initiations of major government programs.

Employment forecasts for the nonmetropolitan counties are based on growth rates developed for the "balance of state" (Arizona less Maricopa and Pima counties) rather than for individual counties.

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NOVEMBER 1987

Arizona Occupational Profile

A Labor Market Information Publication of the Department of Economic Security

Trade

UTAH
COCONINO
MOHAVE
KINGMAN
FLAGSTAFF
NAVAJO
APACHE
HOLBROOK
ST. JOHNS
CALIFORNIA
PRESCOTT
YAVAPAI
NEW MEXICO
PARKER
LA PAZ
GILA
PHOENIX
GLOBE
CLIFTON
GREENLEE
MARICOPA
FLORENCE
YUMA
SAFFORD
PINAL
YUMA
GRAHAM
TUCSON
PIMA
COCHISE
MEXICO
SANTA CRUZ
BISBEE
NOGALES
ARIZONA

OCCUPATIONAL PROFILE

The value of current and accurate occupational employment information has long been recognized by job seekers, public and private administrators, and those involved in training, recruiting, and counseling. A major source of this information in Arizona is the Occupational Employment Statistics (OES) Program--a cooperative effort between Arizona and the U.S. Bureau of Labor Statistics.

This *Occupational Profile* is one in a series of publications produced from information developed by the Occupational Employment Statistics survey. These publications represent one of several occupational employment information delivery systems incorporating OES survey data. The survey is used to collect employment data, by county, for over 700 occupations in Arizona. From these surveys, which required the cooperation of the Arizona business community, current employment in the various occupations is determined, and from this an occupational outlook is formulated. The *Occupational Profiles* contain the survey findings and examine, individually, the industries of Arizona.

Surveyed industries include:

Mining
Construction
Manufacturing
Transportation, Communications, and Public Utilities
Trade
Finance, Insurance, and Real Estate
Services
Hospitals
Educational Services
Lodging
Government

For further information, or to comment on any aspect of this program, please write to the address on the back cover.

INDUSTRY DESCRIPTION

Occupational employment estimates for Arizona's wholesale and retail trade industries are provided in this publication for the state and counties.

Wholesale trade includes establishments or places of business primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm or professional business users; or to other wholesalers. Wholesale establishments may also act as agents or brokers in buying merchandise for, or selling merchandise to, such persons or companies as mentioned above.

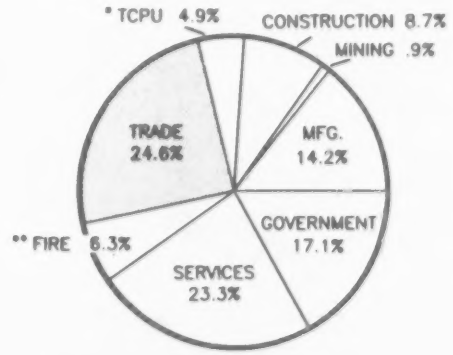
Retail trade, on the other hand, includes establishments which sell merchandise for personal or household consumption and render services incidental to the sale of the goods. Establishments such as lumber yards, and paint, glass, and wallpaper stores are included in retail trade if they sell to the general public, even if a higher proportion of their sales is made to contractors. However, establishments that sell exclusively to business establishments, institutional and industrial users, or contractors are classified in wholesale trade.

A more detailed description of the types of firms categorized in the wholesale and retail trade industries is provided in the *Standard Industrial Classification Manual* under codes 50 through 59.[1]

INDUSTRY CHARACTERISTICS

Employing one of every four Arizonans earning a wage or salary, the trade industry shares with the services industry the distinction of employing the greatest number of Arizona workers. On the strength of an expanding population and tourism, both the trade and services industries employed about 325,000 in 1986.

FIGURE 1: ARIZONA NONAGRICULTURAL EMPLOYMENT, 1986

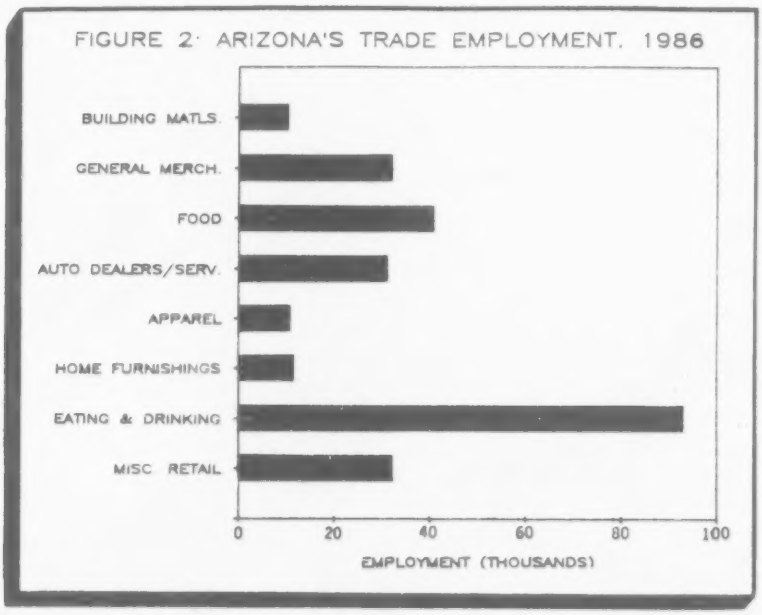


* TCPU - Transportation, Communications, and Public Utilities
** FIRE - Finance, Insurance, and Real Estate

[1] Office of Management and Budget, *Standard Industrial Classification Manual*, 1972 Edition, pp. 259 - 276.

RETAIL TRADE

Eighty percent of the employment in Arizona's trade industry is in the retail sector--due largely to employment in eating and drinking places. Employing 93,000 in 1986, these establishments include restaurants of all types: cafeterias, fast-food restaurants, and other sit-down eating places, as well as a variety of establishments engaged in the retail sale of beverages for on-site consumption. Food stores followed with employment of 41,000, 94 percent of which is employed in establishments that sell a variety of foods (e.g., supermarkets, grocery stores, and delicatessens) rather than specialized foods (e.g., bakeries, fish markets, etc.) Rounding out the four largest retail industries are general merchandise stores and automobile dealers and servicers with employment of 42,000 and 31,000 respectively.



Employment in establishments selling general merchandise is concentrated in department stores, while in motor vehicle-related businesses, employment is concentrated in firms selling both new and used automobiles. These establishments numbered 200 in 1986 and employed more than 12,000 workers statewide. Another 8,400 earned a wage or salary at gasoline service stations across Arizona.

As a percentage of the total employment in the "miscellaneous retail" category, drug and proprietary stores dominate (26 percent); followed by nonstore retailers such as mail-order houses and direct selling establishments (11 percent); jewelry stores (8 percent); and gift, novelty, and souvenir shops (6 percent).

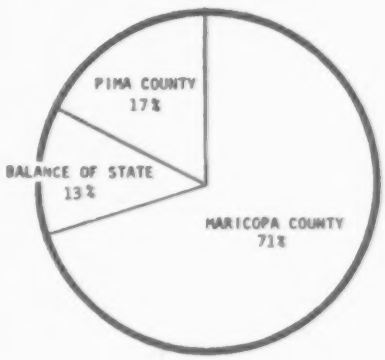
FIGURE 3: WAGE AND SALARY EMPLOYMENT IN MOTOR VEHICLE AND RELATED ESTABLISHMENTS 1986

	EMPLOYMENT
Motor Vehicle Dealers (New and Used)	12,240
Gasoline Service Stations	8,360
Auto and Home Supply Stores	6,900
Motor Vehicle Dealers (Used)	1,010
Recreation and Utility Trailer Dealers	650
Motorcycle Dealers	600
Automobile Dealers, Other	370
Boat Dealers	270

Trade employment, like population and employment in most other industries, is concentrated in the state's two major metropolitan areas. Maricopa County with 57 percent of the state's population, claims 71 percent of the industry's workers, while Pima County employs 17 percent and the nonmetropolitan counties share the remaining 13 percent.

Restaurants are most concentrated in Mohave and Yavapai counties and least concentrated in Apache County relative to their populations. Based on total employment in the industry, however, Maricopa leads the way with 57,000 restaurant workers and 3,000 tavern workers in 1986, followed by Pima County with 16,000 and 1,400 workers respectively.

FIGURE 4: TRADE EMPLOYMENT BY AREA, 1986



The table below provides an index of employment to population. For example, the comparatively large index in Santa Cruz County's general merchandise stores indicates more than four times as many workers, per population, as are employed in Yavapai County's general merchandising industry. Santa Cruz County also has a greater proportion of employment in food stores and apparel and accessory stores. A predominately rural county with an active commercial center (Nogales), Santa Cruz County is an area where trade is especially important to the economy.

The reader is reminded that employment data in this publication represent those workers earning a wage and salary and exclude self-employed and unpaid family workers. This is especially significant in retail trade which is characterized by many "mom and pop" operations and sole proprietorships.

FIGURE 5: TRADE EMPLOYMENT PER 1000 POPULATION
-AN EMPLOYEMNT INDEX BY COUNTY, 1984-

INDUSTRY / COUNTY	APACHE	COCHISE	COCONINO	GILA	GRAHAM/GREEN.	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA
Building Materials & Farm Equipment	1	2	2	3	4	3	3	4	3	3	2	2	3	3
General Merchandise	6	9	13	3	5	3	10	6	6	9	5	32	8	11
Food	4	7	10	8	8	14	14	11	9	11	10	9	10	12
Auto Dealers & Service	4	6	10	5	5	14	10	13	7	8	7	6	7	10
Apparel & Access.	*	2	2	1	1	*	4	1	1	3	1	8	1	1
Furniture & Home Furnishings	*	2	2	1	1	1	5	1	1	3	1	2	3	2
Eating Places	2	16	36	20	8	31	30	21	16	25	12	15	21	20
Drinking Places	*	2	1	1	1	1	2	1	1	2	1	*	1	2
Wholesale Trade	1	4	6	2	3	4	26	6	3	11	4	38	4	16

WHOLESALE TRADE

Statewide, wholesalers of machinery, equipment and supplies lead the industry, with more than 15,000 workers in 1986. Firms in this category are primarily engaged in two activities: first, the wholesaling of commercial machines and equipment, such as office, store, and business machines; commercial food service equipment and fountain and store fixtures; and second, the marketing of industrial equipment, such as metalworking tools, food production machinery, and industrial trucks and tractors. Behind the wholesaling of machinery, equipment, and supplies are those wholesaling groceries and related products, with 10,000 workers in 1986.

FIGURE 6: ARIZONA'S WHOLESALE TRADE INDUSTRY
1986

	FIRMS	EMPLOY.
Machinery, Equip., and Supplies	1,555	15,295
Groceries	735	10,125
Electrical Goods	715	6,075
Miscellaneous Wholesale Trade	780	5,565
Motor Vehicle Parts and Supplies	485	5,435
Lumber and Construction Matls.	365	4,440
Hardware, Plumbing, and Heating	410	3,355
Furniture and Home Furnishings	265	2,545
Alcoholic Beverages	90	2,175
Paper and Paper Products	195	1,550
Petroleum and Petroleum Products	100	1,495
Drugs and Sundries	200	1,340
Chemicals	150	1,115
Metals and Minerals, Exc. Petrol.	110	835
Sporting, Recreation, and Hobby	110	635
Apparel and Notions	120	570
Farm Products	40	330
TOTAL	6,420	62,885

The miscellaneous wholesale goods industry, which is ranked fourth in Figure 6, is dominated by wholesalers of farm supplies such as animal feeds, agricultural chemicals, pesticides, and seeds.

Employment in wholesale trade is concentrated in Maricopa County, in part, because of its location at the hub of the state's highway network. The concentration is especially evident in the durable sector where Maricopa County employs 82 percent of those working in wholesale trade. In the wholesaling of nondurable goods, Maricopa County's share of employment is 76 percent.

In the rural counties, however, employees in the wholesaling of nondurable goods outnumber those in the durable sector by about 60 percent. Yuma and Santa Cruz counties are primarily responsible for this, as the two counties employ many in the wholesale distribution of fresh fruits and vegetables. With the exception of Cochise County, wholesale trade employment in the remaining nonmetropolitan counties is more equally divided between durable and nondurable. The industry in Cochise County is dominated by the wholesaling of durables--primarily electronic parts and equipment.

FIGURE 7: ARIZONA'S WHOLESALE TRADE INDUSTRY
BY COUNTY, 1986

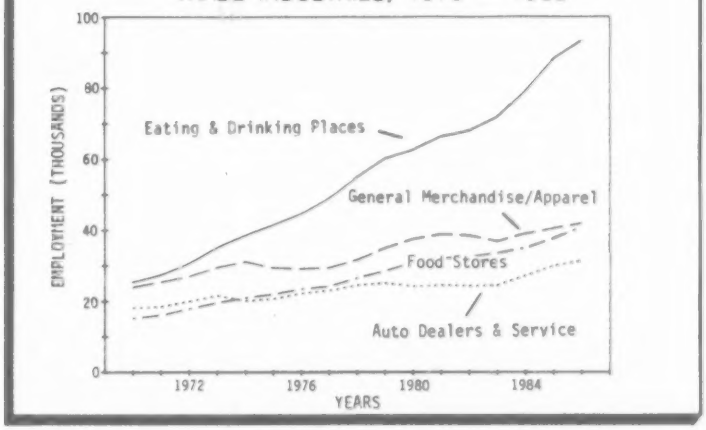
	ESTAB.	EMPLOY.
Maricopa	4,985	50,365
Pima	680	7,285
Yuma	120	1,375
Santa Cruz	190	1,045
Pinal	50	455
Coconino	70	550
Mohave	75	440
Cochise	50	415
Yavapai	90	395
Navajo	35	250
Graham/Greenlee	25	110
Gila	20	85
Apache	15	60
La Paz	10	60

INDUSTRY TRENDS

In recent years, the trade industry lost to the services industry its claim of employing the most workers in Arizona. However, continued expansion in population, tourism, industrial development, and income has resulted in relatively consistent increases in employment and the volume of business transacted. Between 1980 and 1986, employment in trade expanded 34 percent as compared to a 17 percent increase for the U.S. and 32 percent for all Arizona industries. Only the services industry has generated a greater number of new jobs since 1980 than the 82,000 registered by trade.

Leading this expansion is employment in eating and drinking establishments. Responding to a growing population and an increasing inclination to eat outside the home, these establishments provided employment for 89,000 wage earners in 1986--up 26,000 from 1980. Not just a local phenomenon, eating and drinking places in the U.S. accounted for fully half of the total employment growth in retail trade between 1973 and 1985.

FIGURE 8: ARIZONA EMPLOYMENT IN SELECTED TRADE INDUSTRIES, 1970 – 1986



Although providing a fraction of the number of new jobs created in eating and drinking places in Arizona, "nonstore" retailers claim the highest growth rate between 1980 and 1986. More than doubling their employment to 3,200 in 1986, nonstore retailers include mail-order houses and direct-selling establishments primarily engaged in the retail sale of merchandise by telephone or house-to-house canvass.

Consistent with robust housing construction activity and immigration levels, employment in furniture retail establishments also registered strong growth over the last six years. Other sectors registering strong employment expansion include auto and home supply stores; hobby, toy, and game stores; drug stores; and book stores. Employment levels in motor vehicle dealers and gasoline service stations dramatically reversed a long-standing lethargy in recent years. Losing employment between 1980 and 1986 were liquor stores, while showing only a slight increase were general merchandise stores (which includes department stores).

FIGURE 9: GROWTH IN ARIZONA'S RETAIL TRADE INDUSTRIES

1971 - 1980	Growth			1980 - 1986	Growth	
	Percent	Absolute	RANK		Percent	Absolute
Eating & Drinking Places	129%	35,550	1	Eating & Drinking Places	48	29,993
Food Stores	99	14,975	2	Furniture & Home Furnishings	36	3,057
Apparel & Accessories	81	3,859	3	Food Stores	32	9,883
Bldg. Matls. & Farm Equip.	65	3,450	4	Auto Dealers & Service	30	7,126
Furniture & Home Furnishings	63	3,325	5	Apparel & Accessories	26	2,213
General Merchandise	40	8,525	6	Bldg. Matls. & Farm Equip.	19	1,618
Auto Dealers & Service	29	5,425	7	General Merchandise	8	2,455

Wholesale trade employment in Arizona registered a 28 percent increase between 1980 and 1986, led by employment in the trade of nondurable goods. Setting the pace was the wholesaling of lumber and construction materials in which employment doubled in the six years. Claiming the largest numerical increase, however, was employment in firms wholesaling commercial machines and equipment. These firms sell wares ranging from restaurant equipment to computers. Registering negligible gains, and even losses, were establishments wholesaling farm product raw materials and those wholesaling metals and semi-finished mineral products.

Between 1985 and 1989, trade employment in Arizona is expected to expand 22 percent, while increases in all industries will average about 18 percent. The retail sector will continue to set the pace, outdistancing wholesale trade 23 percent to 20 percent.

Population increases, although not matching the high rates of the 1970s, will average nearly 3.2 percent annually through 1989 and will provide the primary impetus to the growth of trade. Over the past two decades, the state's compounded population growth rate averaged nearly 4 percent compared to 1 percent for the United States. Arizona's projected growth rate through the year 2,000 is more than three times the U.S. rate. Arizona's population increases are due, in large part, to immigration. Between 1975 and 1980, for example, 598,000 newcomers arrived and relatively few left--resulting in the fourth largest net increase registered by a state during that period.

A growing portion of employment in retail trade is attributed to the increasing number of part-time jobs. The U.S. Department of Labor estimates that 80 percent of the nation's 18.6 million part-time wage earners are employed in the trade and services industries. In trade, one of every three work part-time--defined as less than 35 hours a week. Nationally, the workweek averaged 32.8 hours in retail stores and 27.1 hours in eating and drinking places in 1984, compared to an average of more than 40 hours in manufacturing. Projections indicate a greater reliance on part-time employment as weekly hours in 1995 average 31.7 in retail trade stores and 26.2 in eating and drinking establishments.

Predicted to increase its employment nearly 30 percent between 1985 and 1989, eating and drinking establishments will continue to provide the

greatest number of job opportunities. Spurred not only by population growth, employment increases will result as more women enter the labor force, a growing youthful population boosts the popularity of fast-food establishments, and an older population shifts its demand toward more labor-intensive "sit-down" restaurants. Ever-increasing numbers of two-wage earner households has generated higher incomes while at the same time less time to spend. These ranks of the "time-poor" will further create demand for restaurant services.

Also benefiting from a population that is wealthier in money, but not in time, is the mail-order industry. Expected to continue its recently established trend of large employment increases, non-store retailers, and especially mail-order firms will benefit as consumers react to meet the demands on their time. Other non-store retailers expected to accommodate newcomer demands are firms providing vending services and those that provide electronic shopping services. Home Shopping Network of Clearwater, Florida, for example, reached, via cable television, more than 15 million homes and generated $160 million in sales in fiscal 1986, and many trade industry analysts believe this is just the beginning.

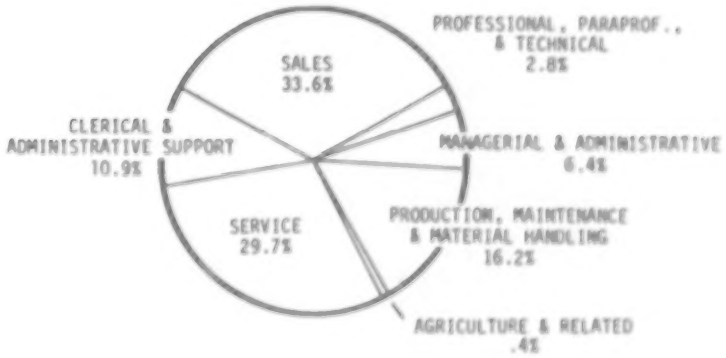
Department stores and other general merchandise stores are expected to employ nearly 47,000 in 1989--an increase of 15 percent over 1985. With an increasingly complex and fragmented market, a major challenge for department stores will be to provide the service, selection, and prices to compete with specialty stores, discount, and mail-order outlets.

Retail outlets that identify and accommodate target groups will be most successful according to most industry analysts. Many of today's "baby boomers" who have relatively little leisure time will be tomorrow's primary purchasers of recreational goods and services, and while sales of specialty products to targeted groups will be the goal of many retailers, others will capitalize on consumer's need for one-stop shopping.

OCCUPATIONAL ANALYSIS

It should surprise no one that sales workers constitute the most numerically prominent occupational group in the trade industry. This group of 104,000 workers is dominated by retail salespersons, cashiers, and sales representatives. Based on our definitions, retail salespersons, unlike sales representatives, sell a variety of merchandise to the public, including such items as furniture, motor vehicles, appliances, and apparel. Retail salespersons may also sell less expensive merchandise where a knowledge of the items sold is not a primary responsibility. Sales representatives, on the other hand, sell primarily for wholesalers or manufacturers to businesses or groups of individuals and must have substantial knowledge of the products sold. Often this knowledge is obtained from 2 or 3 years of post-secondary education or its equivalent. Employment of salespersons and sales representatives totaled nearly 62,000 in 1985. It should be remembered that these data represent only workers earning a wage or salary and exclude unpaid family workers and those earning only a commission.

FIGURE 10: OCCUPATIONS IN ARIZONA'S TRADE INDUSTRY MAY 1986


PROFESSIONAL, PARAPROF., & TECHNICAL 2.8%
SALES 33.6%
CLERICAL & ADMINISTRATIVE SUPPORT 10.9%
MANAGERIAL & ADMINISTRATIVE 6.4%
SERVICE 29.7%
PRODUCTION, MAINTENANCE & MATERIAL HANDLING 16.2%
AGRICULTURE & RELATED .4%

The prominence of restaurant employment contributes to the numerically high ranking of service workers in trade. Of the 92,000 service workers in the industry, nearly 84,000 are in food and beverage preparation and service. Waiters and waitresses represent the group's largest component, numbering nearly 21,000 in June 1985.

Ranking third, based on employment, is the maintenance, production, and material handling category. Dominant here are freight, stock, and material movers; automotive mechanics, and light truck drivers. Note that retail trade includes automobile dealers and gasoline service stations but not establishments that are primarily involved with maintenance and repair of automobiles. The latter is included in the services industry and is the subject of another "Arizona Occupational Profile."

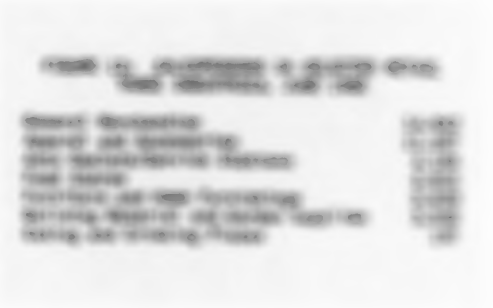
FIGURE 11: OCCUPATIONS WITH THE GREATEST EMPLOYMENT IN ARIZONA'S TRADE INDUSTRY

	Employment May 1985	Job Openings* 1985-1989
Salespersons, Retail	49,177	13,787
Combined Food Preparation & Service Workers	21,122	10,066
Waiters & Waitresses	20,761	10,589
Cashiers	20,558	8,425
Sales Representatives, Exc. Retail	15,331	5,436
General Managers & Top Executives	12,155	3,860
First Line Managers & Supervisors - Sales	10,873	3,572
Food Preparation Workers	8,633	4,003
Stock Clerks, Sales Floor	8,091	2,032
Freight, Stock, & Material Movers, Hand	6,750	2,079
Bookkeeping, Accounting, & Auditing Clerks	6,261	2,367
Cooks, Restaurant	6,104	2,598
Bartenders	5,233	2,316
Automotive Mechanics	4,959	1,349
Truck Drivers, Light - Inc. Delivery & Route	4,751	1,235
Dining Room/Cafeteria Attdts. & Bartdr. Helpers	4,749	1,650
Counter Attendants - Coffee Shop & Cafeteria	4,468	2,264
General Office Clerks	4,159	1,534
Stock Clerks - Stockroom, Warehouse, or Yard	3,905	1,121
Cooks, Specialty Fast Food	3,710	1,640
First Line Managers & Supervisors - Service	3,588	1,602
Food Service & Lodging Managers	3,347	1,456
Salespersons, Parts	3,343	974
Secretaries	3,056	1,233
Hand Packers & Equipment Cleaners	3,027	935
Service Station Attendants	3,019	866
Janitors & Cleaners, Exc. Maids & Housekeeping	2,872	1,012
Traffic, Shipping, & Receiving Clerks	2,765	788
Truck Drivers, Heavy or Tractor Trailer	2,608	626
Hosts/Hostesses - Restaurant/Lounge/Coffee Shop	2,534	1,313
First Line Managers & Supervisors - Production, Construction, Maintenance, & Related	2,319	705
First Line Managers & Supervisors - Clerical	2,302	664
Order Fillers, Wholesale & Retail Sales	2,292	582
Order Clerks - Materials, Merch., & Service	1,800	677
Bakers, Bread & Pastry	1,589	634

* Does not include turnover.

County and statewide distributions of occupational employment are consistent with one another with these notable exceptions. In Navajo and La Paz counties, service workers predominate because of the relatively large employment in eating and drinking places. In Santa Cruz County, the disproportionately large number of clerical workers are concentrated in the county's active wholesale trade industry.

Expected growth of the industry and the separation of workers from the labor force will create an estimated 115,000 job openings between 1985 and 1988. As the industry's two largest occupational categories, sales and service occupations will provide the vast majority of these job opportunities. Retail salespersons, food preparation and service workers, and cashiers will account for the biggest share of these opportunities. Many of those employed in these occupations are part-time workers, and because their turnover rate is particularly high, job openings will be especially plentiful. In fact, no occupation in Arizona employs more workers than does retail salespersons, and no occupation offers more job opportunities.



For many, a job in retail sales serves as a source of immediate income rather than a career. Often requiring little training or work history, the occupation is especially attractive to students and homemakers willing to take advantage of part-time work opportunities. Older retail salespersons will, as they gain experience, move to positions of greater responsibility, selling "big ticket" items. Those aspiring for management will find that a college education is becoming increasingly important.

Waiters and waitresses outnumber workers in all but three occupations in Arizona. Eighty percent are employed by restaurants and drinking places with most of the balance working in hotels, food stores, and even general merchandise stores. The qualities that attract many job seekers to retail sales also attract prospective waiters and waitresses who desire flexible part-time hours. The best opportunities for employment will be in inexpensive to moderately priced restaurants. Because potential earnings are greatest in expensive restaurants, keen competition exists for jobs in these establishments.

Retail trade is, by nature, labor intensive and greatly dependent upon retail salespersons and others to deliver goods and incidental services to customers. Although recent developments have lessened the reliance upon workers for certain tasks, such as the use of computerized cash registers to serve customers, many services in the trade industry will be difficult to automate. Whether providing information or assistance to a customer considering the purchase of a stereo, or ringing up the sale, personal service will continue to be paramount in the marketing strategy of many retailers.